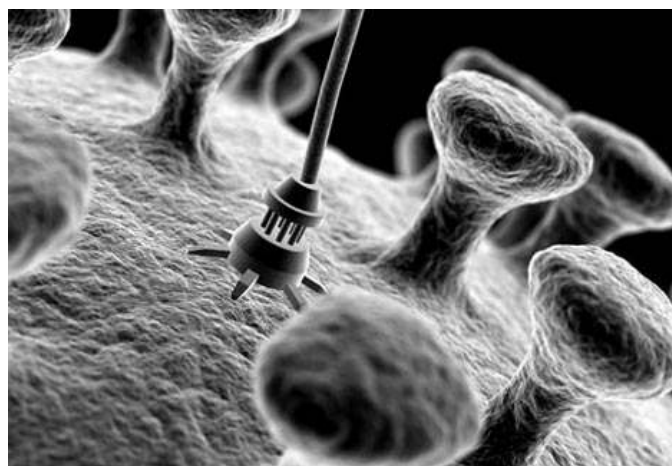


## Pedidos de Patente sobre Nanomateriais – nº 1



Pedidos publicados no  
1º semestre de 2011

Diretoria de Cooperação para o Desenvolvimento - DICOD  
Centro de Disseminação da Informação Tecnológica – CEDIN  
Coordenação de Estudos e Programas – CEPRO  
Janeiro de 2012

INSTITUTO NACIONAL DA PROPRIEDADE INDUSTRIAL - INPI

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# 1. INTRODUÇÃO

## 1.1 ALERTA TECNOLÓGICO

O Instituto Nacional da Propriedade Industrial (INPI) é uma Autarquia Federal, vinculada ao Ministério do Desenvolvimento, Indústria e Comércio Exterior (MDIC), responsável pela concessão de patentes, registros de desenhos industriais, registro de marcas, averbação de contratos de transferência de tecnologia, registro de programas de computador, indicações geográficas e topografias de circuito integrado.

O Centro de Disseminação da Informação Tecnológica (CEDIN), subordinado à Diretoria de Cooperação para o Desenvolvimento (DICOD), tem como uma de suas atribuições divulgar e disseminar informações bibliográficas e técnicas contidas em documentos de patentes. Para tanto, o CEDIN dispõe da Coordenação de Estudos e Programas (CEPRO), cuja incumbência é elaborar publicações fundamentadas, essencialmente, em informações extraídas de documentos de patente<sup>1</sup>.

A patente é uma importante fonte formal de informação, por meio da qual pode-se ter acesso à detalhes técnicos de invenções que, em alguns casos, não são descritos em livros ou em artigos técnicos.

O objetivo desta publicação, de periodicidade semestral, é alertar sobre os depositantes mais expressivos em determinado período, os países onde o primeiro depósito foi solicitado (país de prioridade), as áreas tecnológicas mais solicitadas e divulgar os títulos dos pedidos de patentes publicados mundialmente em determinado período, permitindo, desta forma, a atualização periódica de seu público alvo.

Mais detalhes sobre cada pedido, tais como o resumo da invenção, o(s) nome(s) do(s) inventor(es) e a cópia do documento completo, podem ser obtidos nas seguintes bases de patente disponíveis gratuitamente na Internet:

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<sup>1</sup> Hong, Soonwoo. The Magic of Patent Information, Disponível em;  
[http://www.wipo.int/sme/en/documents/patent\\_information.htm - basics](http://www.wipo.int/sme/en/documents/patent_information.htm - basics). Acesso em 10 de outubro de 2008

1. Base Brasileira de Pedidos de Patente<sup>2</sup>: <http://www.inpi.gov.br>
2. Base do Escritório Europeu de Patentes<sup>3</sup>: <http://worldwide.espacenet.com>
3. Base do Escritório Americano de Patentes<sup>4</sup>: <http://uspto.gov>

Caso haja interesse em conhecer o depósito de patente brasileiro correspondente (família do pedido de patente<sup>5</sup>), para algum do pedido de patente estrangeiro listado na Tabela 2, sugere-se uma busca de família do mesmo. Neste caso, o Centro de Documentação do INPI – CEDIN informará os procedimentos a serem seguidos, por meio do endereço abaixo.

#### **INPI/DICOD/CEDIN:**

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Diretoria de Cooperação para o Desenvolvimento - DICOD

Centro de Disseminação da Informação Tecnológica – CEDIN

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e-mail: [cedin@inpi.gov.br](mailto:cedin@inpi.gov.br)

As cópias integrais dos pedidos de patente de interesse também podem ser solicitadas por meio do endereço [copdocpat@inpi.gov.br](mailto:copdocpat@inpi.gov.br) ou por correio postal ao endereço anteriormente mencionado.

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<sup>2</sup> Esta base contém somente pedidos de patente depositados e publicados no Brasil a partir de 1982.

<sup>3</sup> Contém pedidos de patente depositados e publicados em mais de 70 países.

<sup>4</sup> Contém somente pedidos depositados e publicados nos Estados Unidos.

<sup>5</sup> Foram selecionados somente os primeiros documentos publicados de cada uma das famílias de patente. O conceito de família de patentes é bastante diversificado e varia de acordo com a base de dados na qual os documentos estão indexados. Em linhas gerais, todos os pedidos de patentes pertencentes a uma mesma família têm, pelo menos, um número de prioridade em comum.

## 2. PEDIDOS DE PATENTE COM TECNOLOGIAS RELATIVAS À NANOMATERIAIS

A Nanotecnologia constitui uma área nova do conhecimento científico de grande impacto na sociedade. A escala nanométrica é característica de objetos com tamanhos entre as dimensões das moléculas e das partículas submicrométricas. Talvez por esse motivo, o termo nanotecnologia vem sendo utilizado em diferentes contextos e em relação a quase tudo que se possa medir à escala nanométrica.

O mercado mundial para produtos à base de nanotecnologia, estimado para o ano de 2010, foi de US\$ 11 trilhões, sendo que US\$ 340 bilhões correspondiam somente a nanomateriais (Pitkethly 2003 apud Zarbin 2007).

O estudo publicado pela OCDE (2009) revela que 38% das patentes relativas a nanotecnologia depositadas no período entre 2003 e 2005 no mundo são relacionadas à área de nanomaterias. Segundo projeção apresentada no relatório *Nanotechnology Opportunity Report* (2008), o uso desses materiais na produção de produtos de maior valor agregado levará a um mercado de US\$ 1,5 trilhão em 2015.

As propriedades únicas, novas e diferenciadas dos nanomateriais têm atraído a atenção não só de cientistas e centros de pesquisa, mas também das empresas devido ao seu enorme potencial econômico.

De acordo com a pesquisa do Instituto de Pesquisas Econômicas Aplicadas, em oito anos (2000 a 2007) o investimento do governo Brasileiro em nanotecnologia alcançou R\$195 milhões, em um total de R\$ 3,9 bilhões gastos em pesquisa no período. Foram 504 projetos (3,89%) de um total de 12.969 apoiados por financiamento governamental. Desse total, 91 projetos envolveram empresas (César Jr. 2010).

As considerações acima não deixam dúvidas quanto à importância e participação crescente que os nanomateriais terão no cotidiano da sociedade.

Diante do cenário apresentado e da escassez de levantamentos relacionados aos depósitos de patente sobre nanomateriais no mundo, o INPI vem, por meio do CEDIN, facilitar o acesso a estas informações ao público interessado.

Dessa forma, este Alerta Tecnológico tem como objetivo divulgar, a cada semestre, os novos pedidos de patente sobre nanomateriais publicados no mundo.

Diversas definições vêm sendo criadas com objetivo de evitar avaliação incorreta das potencialidades e limitações dos nanomateriais. Entre as definições existentes, a descrição suficientemente abrangente, e normalmente aceita na comunidade científica, considera os nanomateriais como sendo materiais que tem ao menos uma dimensão na faixa de tamanho nanométrica, abaixo de um tamanho crítico capaz de alterar alguma de suas propriedades. A definição de nanomaterial adotada neste trabalho é a descrita pela ISO/TR 12885-2008: “Nanomaterial engenheirado é um material nanoestruturado e/ou é o que contém nano-objetos”.

Com objetivo de fornecer resultados precisos, embora sem esgotar toda a área de nanomateriais, decidiu-se, para o presente levantamento, selecionar somente os documentos de patente contendo as classificações suplementares B82Y30/00 (Nano tecnologia para ciência de materiais ou de superfícies, por ex., nano compósitos) e B82Y40/00 (Fabricação ou tratamento de nano estruturas), de acordo com as Classificações Internacional e Européia de Patentes.

## **2.1 CLASSIFICAÇÃO INTERNACIONAL DE PATENTES – CIP**

O sistema da Classificação Internacional de Patentes resultou dos esforços conjuntos de órgãos de propriedade industrial de vários países, com o objetivo de dispor, de forma organizada e padronizada, os documentos de patente, a fim de facilitar o acesso (busca) às informações tecnológicas e legais contidas nesses documentos.

O Acordo de Estrasburgo relativo à Classificação Internacional de Patentes (CIP), concluído em 1971, entrou em vigor em 1975 e é administrado pela Organização Mundial da Propriedade Intelectual (OMPI). Qualquer país membro da Convenção da União de Paris pode se tornar membro do Acordo de Estrasburgo. A CIP é uma ferramenta uniforme e utilizada por diversos países e organizações com o objetivo de facilitar a recuperação de documentos de patente.

São signatários do Acordo de Estrasburgo 61 Estados. No entanto mais de

100 escritórios nacionais, 4 escritórios regionais e a Secretaria da OMPI - atuando como escritório receptor do Tratado de Cooperação em Patentes (PCT), também utilizam a CIP.

A cada ano a CIP é revisada de acordo com sugestões discutidas e acordadas pelos representantes dos países signatários. A edição atualizada é disponibilizada no site da OMPI (<http://www.wipo.int/classifications/ipc/>) e no site do INPI (<http://pesquisa.inpi.gov.br/ipc/index.php>).

## **2.2 CLASSIFICAÇÃO EUROPÉIA DE PATENTES – ECLA**

A Classificação Européia de Patentes (ECLA) é uma extensão da Classificação Internacional de Patentes (IPC). Ambas as classificações apresentam oito seções, A-H, as quais são sub-divididas em classes, subclasses, grupos e subgrupos. Este sistema é mais preciso e apresenta duas vezes mais subgrupos (ECLA 135 000 ; CIP: 70 000). A ECLA é revisada continuamente, sendo seus documentos reclassificados. Mais informações podem ser obtidas em: <http://www.epo.org/searching/essentials/classification/ecla.html>.

## **3. RESULTADOS**

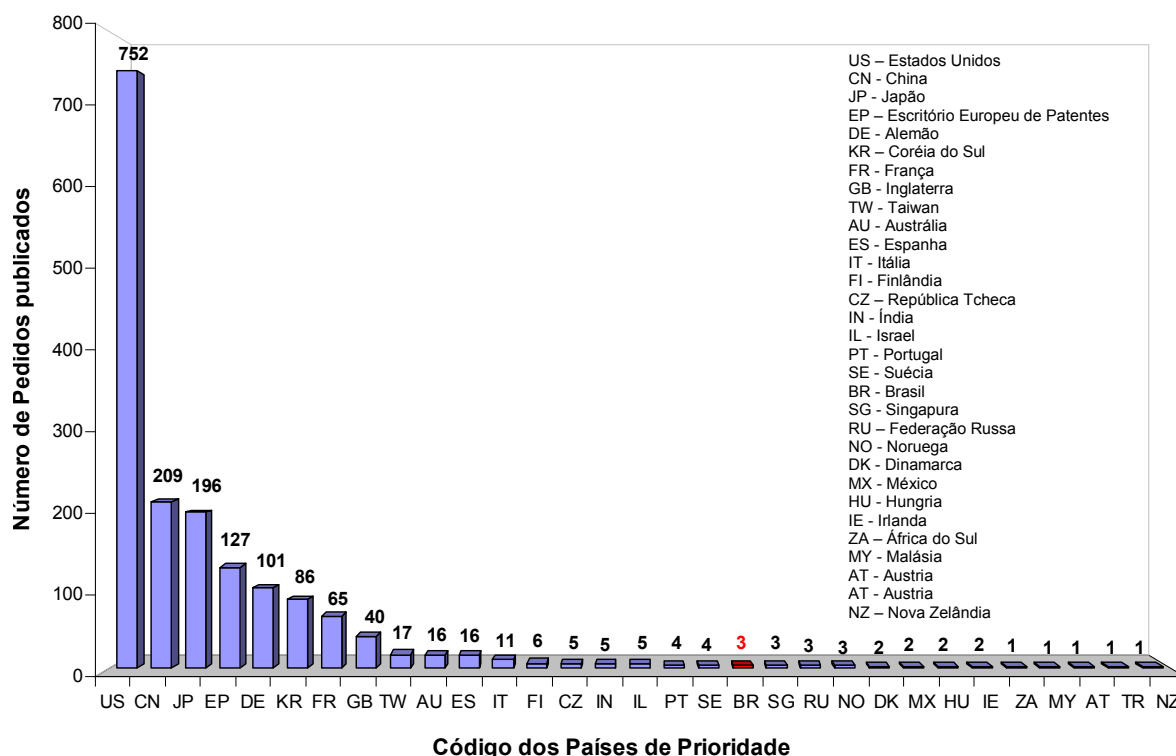
No semestre pesquisado (1º semestre de 2011) foram selecionados **1603** pedidos de patente que abordam tecnologias relacionadas à nanomateriais. De acordo com o Gráfico 1, podem-se visualizar os códigos dos países<sup>5</sup> de prioridade dos pedidos de patente recuperados no período e a ocorrência em cada um dos países (o país de prioridade é o local onde foi feito o primeiro depósito do pedido de patente no mundo para uma determinada tecnologia). Ressalta-se que o depositante pode solicitar a prioridade de seu pedido de patente em um país diferente do país de sua residência.

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<sup>5</sup> A lista com os códigos dos países está disponível no Anexo I.



**Gráfico 1: Países de Prioridade dos Pedidos de Patente x Número de Pedidos Publicados**



Fonte: Elaboração própria a partir dos dados disponíveis na base de patentes do Escritório Europeu de Patentes. Acesso em 10/01/2012.

Duas inferências podem ser estabelecidas a partir do Gráfico 1: a de que as tecnologias estão sendo desenvolvidas, principalmente, nos países indicados, dado que, na maioria das vezes, os depositantes solicitam a prioridade a partir de seus países de origem; ou a de que há interesse pelo primeiro depósito nos mercados destes países.

Entre os documentos selecionados (1603), apenas 3 têm prioridade brasileira: **PI 0802018** – Processo de síntese contínua e em larga escala de nanotubos de carbono sobre o clínquer de cimento e produtos nanoestruturados, depositado pela Universidade Federal de Minas Gerais; **PI 0802233** - Processo de produção de nanopartículas contendo substâncias ativas e suas composições farmacêuticas, depositado pelo Instituto Nacional de Tecnologia e **PI 0905232** - Processo para redução de acidez naftênica e aumento simultâneo de °API de petróleos pesados, depositado pela Petrobras.

Dos documentos com prioridades estrangeiras publicados no período, verificou-se que, até a data desta pesquisa, 18 deles deram origem aos seguintes depósitos no Brasil:

**PI 0611053** - Método para detecção de um ou mais analitos, kit para detecção de pelo menos um analito, conjugados do analito e um fluoróforo de criptato de európio, uso dos conjugados

**PI 0613344** - Processo para produzir nanotubos de carbono e reator para produzir nanotubos de carbono

**PI 0614329** - Composições poliméricas contendo nanotubos

**PI 0614679** - Produção contínua de nanopartículas metálicas

**PI 0614681** - Processo e aparelho para produção de materiais de suporte revestidos de catalisador

**PI 0614682** - Processo e aparato para a produção de materiais de catalisador construído

**PI 0615571** - Material de retenção para elemento de controle de poluição e aparelho de controle de poluição

**PI 0616051** - Camada ou revestimento e uma composição para a produção da mesma

**PI 0616332** - Processo para a oxidação catalítica de dióxido de enxofre em trióxido de enxofre e processo para fabricar ácido sulfúrico e/ou óleo de um gás de fonte que compreende dióxido de enxofre

**PI 0616570** - Partícula fina de dióxido de titânio rutila processo de produção e composições compreendendo as mesmas

**PI 0706382** - Unidade de vidro isolada possuindo composição contendo siloxano curável em temperatura ambiente de permeabilidade reduzida a gás

**PI 0706600** - Métodos para produção de partículas, nanopartículas e para revestir um líquido iônico, composições, filme e aparelho para produção de partículas

**PI 0706644** - Materiais monoméricos e poliméricos

**PI 0706696** - Nanocompósito inorgânico e orgânico

**PI 0707159** - Unidade de vidro isolada com composição vedante tendo reduzida permeabilidade a gás

**PI 0707932** - Carbonos ativados mesoporosos

**PI 0708373** - Método de preparar dispersão estável de nano-alumina derivada de sol e método de revestimento de fio

**PI 0708587** - Compósitos de polímero

Na Tabela 1 são identificados os depositantes com 3 ou mais pedidos de patente publicados no período.

**Tabela 1: Relação dos principais depositantes de pedidos de patente publicados no 1º semestre de 2011 e o número de incidências**

Depositante	Total de Documentos
BASF SE [DE]	22
3M INNOVATIVE PROPERTIES CO [US]	21
SAMSUNG ELECTRONICS CO LTD [KR]	20
MASSACHUSETTS INST TECHNOLOGY [US]	20
DU PONT [US]	16
COMMISSARIAT ENERGIE ATOMIQUE [FR]	16
CENTRE NAT RECH SCIENT [FR]	16
UNIV TSINGHUA [CN]	14
EVONIK DEGUSSA GMBH [DE]	13
UNIV CALIFORNIA [US]	13
IBM [US]	12
BAYER MATERIALSCIENCE AG [DE]	11
SIEMENS AG [DE]	10
SHOWA DENKO KK [JP]	10
UNIV NORTHWESTERN POLYTECHNIC [CN]	8
AGENCY SCIENCE TECH & RES [SG]	8
HON HAI PREC IND CO LTD [TW]	8
NANOSYS INC [US]	7
UNIV BEIJING [CN]	7
TOPTEC CO LTD [KR]	7
UNIV SHINSHU [JP]	7
RHODIA OPERATIONS [FR]	6
UNIV NORTHWESTERN [US]	6

Depositante	Total de Documentos
UNIV RICE WILLIAM M [US]	6
UNIV WASHINGTON [US]	6
LANXESS DEUTSCHLAND GMBH [DE]	6
APPLIED NANOSTRUCTURED SOLUTIONS LLC [US]	6
CONSEJO SUPERIOR INVESTIGACION [ES]	6
ASAHI GLASS CO LTD [JP]	6
UNIV TOKYO [JP]	6
ARKEMA FRANCE [FR]	6
SONY CORP [JP]	5
UNIV PRINCETON [US]	5
MICRON TECHNOLOGY INC [US]	5
LIFE TECHNOLOGIES CORP [US]	5
UNIV ZHEJIANG [CN]	5
NISSIN KOGYO KK [JP]	5
FRAUNHOFER GES FORSCHUNG [DE]	5
SILVERBROOK RES PTY LTD	5
IND TECH RES INST [TW]	5
INNOVALIGHT INC [US]	5
QUANTUMSPHERE INC [US]	5
XEROX CORP [US]	5
SUED CHEMIE AG [DE]	4
MOLECULAR IMPRINTS INC [US]	4
BAYER TECHNOLOGY SERVICES GMBH [DE]	4
MOMENTIVE PERFORMANCE MAT INC [US]	4
NANOCO TECHNOLOGIES LTD [GB]	4
CABOT CORP [US]	4
HARVARD COLLEGE [US]	4
NANTERO INC [US]	4
FUJIFILM CORP [JP]	4
NAT INST OF ADVANCED IND SCIEN [JP]	4
CANON KK [JP]	4
LOCKHEED CORP [US]	4
UNIV CENTRAL FLORIDA RES FOUND [US]	4
TECHNION RES & DEV FOUNDATION [IL]	4
VORBECK MATERIALS CORP [US]	4
UNIV FLORIDA [US]	4
UNIV FLORIDA STATE RES FOUND [US]	4

Depositante	Total de Documentos
SHANGHAI INST CERAMICS [CN]	4
RENSSELAER POLYTECH INST [US]	4
CT FUER ANGEWANDTE NANOTECHNOLOGIE CAN GMBH [DE]	4
NANORESINS AG [DE]	4
AFFYMETRIX INC [US]	4
UCHICAGO ARGONNE LLC [US]	4
UNIV JILIN [CN]	4
UNIV KOREA RES & BUS FOUND [KR]	4
PPG IND OHIO INC [US]	4
CHEIL IND INC [KR]	4
UNIV TEXAS [US]	4
TOSHIBA KK [JP]	4
DIRECTA PLUS PATENT & TECHNOLOGY LTD [CY]	3
IDEMITSU KOSAN CO [JP]	3
UNIV CHANGCHUN SCIENCE & TECH [CN]	3
TOYOTA MOTOR CO LTD [JP]	3
UNIV SUNGKYUNKWAN FOUND [KR]	3
PANASONIC CORP [JP]	3
FUJITSU LTD [JP]	3
UNIV BEIJING CHEMICAL [CN]	3
UNIV NEW YORK STATE RES FOUND [US]	3
NISSAN MOTOR [JP]	3
SUMITOMO CHEMICAL CO [JP]	3
UNIV JIANGNAN [CN]	3
NIPPON CHEMICAL IND [CN]	3
ESSILOR INT [FR]	3
UNIV NAT TAIWAN [TW]	3
UNIV SHANGHAI SCIENCE & TECH [CN]	3
BYK CHEMIE GMBH [DE]	3
UNIV CHICAGO [US]	3
STC UNM [US]	3
CLINICAL MICRO SENSORS INC [US]	3
HEWLETT PACKARD DEVELOPMENT CO [US]	3
UNIV SHANGHAI JIAOTONG [CN]	3
NITTO DENKO CORP [JP]	3
HONGFUJIN PREC IND SHENZHEN [CN]	3
INTEL CORP [US]	3

<b>Depositante</b>	<b>Total de Documentos</b>
HITACHI LTD [JP]	3
MEFS KABUSHIKI KAISHA [JP]	3
NANOBIOMATTERS S L [ES]	3
WISCONSIN ALUMNI RES FOUND [US]	3
SAINT GOBAIN CERAMICS [US]	3
GEN ELECTRIC [US]	3
KURARAY CO [JP]	3
US GOVERNMENT [US]	3
BAKER HUGHES INC [US]	3
APPLIED NANOTECH HOLDINGS INC [US]	3
KONINKL PHILIPS ELECTRONICS NV [NL]	3
UNIV TIANJIN [CN]	3
BEIJING FUNATE CREATIVE SCIENCE AND TECHNOLOGY CO LTD [CN]	3
ABS MATERIALS INC [US]	3
BATTELLE MEMORIAL INSTITUTE [US]	3
MILLENNIUM INORGANIC CHEM [US]	3

Fonte: Elaboração própria a partir dos dados disponíveis na base de patentes do Escritório Europeu de Patentes. Acesso em 10/01/2012.

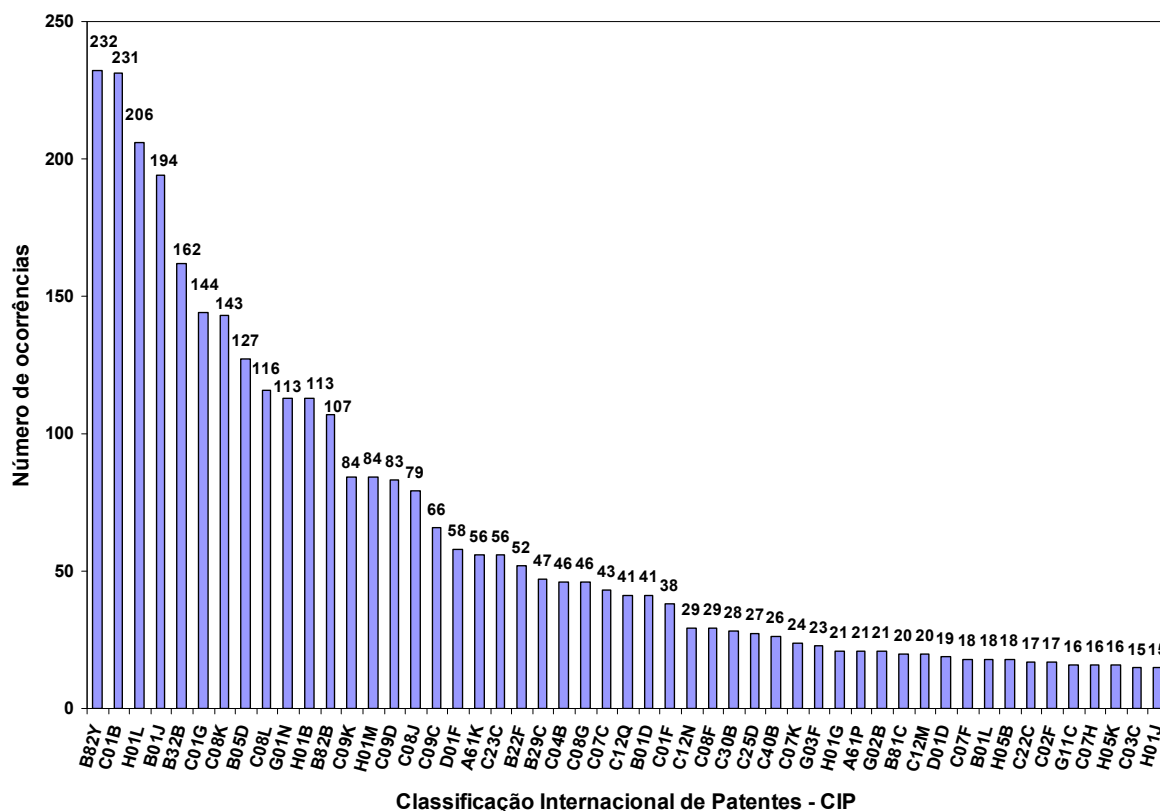
Podem-se observar, nesta tabela, os nomes dos principais depositantes dos pedidos de patente publicados no período sobre tecnologias aplicadas a nanomateriais. A primeira coluna contém os nomes dos depositantes e a sigla de seus países de residência e a segunda, o total de documentos recuperados no período para cada empresa.

Depreende-se desta tabela que 113 depositantes tiveram 3 ou mais pedidos de patente publicados no período, sendo que as empresas Basf SE e 3M Innovative Properties Co lideram esta lista com 22 e 21 pedidos publicados no período, respectivamente.

No Gráfico 2 podem-se visualizar as classificações contidas nos pedidos de patente, com 15 ou mais ocorrências. Os códigos da Classificação Internacional de Patentes possibilitam a identificação, de uma forma não detalhada porém mais abrangente, dos assuntos mais solicitados no período, relacionados às tecnologias

envolvendo nanomateriais. Para o conhecimento mais detalhado de cada tecnologia, sugere-se a leitura de todo o conteúdo do documento de patente de interesse.

**Gráfico 2: Classificação Internacional de Patentes (CIP) dos Documentos sobre Nanomateriais Publicados no 1º semestre de 2011**



Fonte: Elaboração própria a partir dos dados disponíveis na base de patentes do Escritório Europeu de Patentes. Acesso em 10/01/2012.

A relação completa dos principais títulos das subclasses da CIP mais importantes no presente levantamento, que apresentam mais de 15 ocorrências entre os documentos publicados, é apresentada a seguir.

- **B82Y** Operações de processamento; transporte
- **C01B** Elementos não-metálicos; seus compostos
- **H01L** Dispositivos semicondutores; dispositivos elétricos de estado sólido não incluídos em outro local
- **B01J** Processos químicos ou físicos, por ex., catálise, química coloidal; aparelhos pertinentes aos mesmos

- **B32B** Produtos em camadas, i.e., produtos estruturados com camadas de forma plana ou não plana, por ex., em forma celular ou alveolar
- **C01G** Compostos contendo metais não abrangidos pelas subclasses **C01D** ou **C01F**
- **C08K** Uso de substâncias inorgânicas ou orgânicas não macromoleculares como ingredientes de composições
- **B05D** Processos para aplicação de líquidos ou de outros materiais fluentes a superfícies em geral
- **C08L** Composições de compostos macromoleculares
- **G01N** Investigação ou análise dos materiais pela determinação de suas propriedades químicas ou físicas
- **H01B** Cabos; condutores; isoladores; utilização de materiais específicos devido às suas propriedades condutoras, isolantes ou dielétricas
- **B82B** Nano estruturas formadas por manipulação individual de átomos, moléculas, ou grupos limitados de átomos ou moléculas como unidades discretas; fabricação ou seu tratamento
- **C09K** Materiais para aplicações diversas, não incluídas em outro local
- **H01M** Processos ou meios, por ex., baterias, para a conversão direta da energia química em energia elétrica
- **C09D** Composições de revestimento, por ex., tintas, vernizes ou lacas; pastas de enchimento; removedores químicos de tintas para pintar ou imprimir; tintas para imprimir; líquidos corretivos; corantes para madeira; pastas ou sólidos para colorir ou imprimir; utilização de materiais para esse fim
- **C08J** Elaboração; processos gerais para formar misturas; pós-tratamento não abrangido pelas subclasses **C08B**, **C08C**, **C08F**, **C08G** ou **C08H**
- **C09C** Tratamento de substâncias inorgânicas, outras que não enchimentos fibrosos, para lhes acentuar as propriedades de pigmentação ou de enchimento
- **D01F** Características químicas da manufatura de filamentos, linhas, fibras, cerdas ou fitas artificiais; aparelhos especialmente adaptados para a manufatura de filamentos de carbono
- **A61K** Preparações para finalidades médicas, odontológicas ou higiênicas



- **C23C** Revestimento de materiais metálicos; revestimento de materiais com materiais metálicos; tratamento da superfície de materiais metálicos por difusão, por conversão química ou substituição; revestimento por evaporação a vácuo, por pulverização catódica, por implantação de íons ou por deposição química em fase de vapor, em geral
- **B22F** Trabalho mecânico com pó metálico; fabricação de artigos a partir de pó metálico; fabricação de pó metálico
- **B29C** Modelagem ou união de matérias plásticas; modelagem de substâncias em estado plástico, em geral; pós-tratamento de produtos modelados, por ex., reparo
- **C04B** Cal; magnésia; escória; cimentos; suas composições, por ex., argamassa, concreto ou materiais de construções similares; pedra artificial; cerâmica; refratários; tratamento da pedra natural
- **C08G** Compostos macromoleculares obtidos por reações outras que não envolvendo ligações insaturadas carbono-carbono
- **C07C** Compostos acíclicos ou carbocíclicos
- **C12Q** Processos de medição ou ensaio envolvendo enzimas ou micro-organismos; suas composições ou seus papéis de teste; processos de preparação dessas composições; controle responsivo a condições do meio nos processos microbiológicos ou enzimáticos
- **B01D** Separação
- **C01F** Composto dos metais berílio, magnésio, alumínio, cálcio, estrôncio, bário, rádio, tório, ou dos metais das terras-raras
- **C12N** Micro-organismos ou enzimas; suas composições propagação, conservação, ou manutenção de micro-organismos; engenharia genética ou de mutações; meios de cultura
- **C08F** Compostos macromoleculares obtidos por reações compreendendo apenas ligações insaturadas carbono-carbono
- **C30B** Crescimento de monocristais solidificação unidirecional de materiais eutéticos ou desmixagem unidirecional de materiais eutectoides; refino por fusão zonal de material, produção de um material policristalino homogêneo com estrutura definida; monocristais ou material policristalino homogêneo com estrutura definida; pós-tratamento de monocristais ou de um material policristalino com estrutura definida; aparelhos para esse fim

- **C25D** Processos para produção eletrolítica ou eletroforética de revestimentos; eletrotipia; união de peças por eletrólise; aparelhos para esse fim
- **C40B** Química combinatória; bibliotecas, por ex., bibliotecas químicas
- **C07K** Peptídeos
- **G03F** Produção fotomecânica de superfícies texturizadas ou estampadas, por ex., para impressão, para processamento de dispositivos semicondutores; materiais para as mesmas; originais para as mesmas; aparelhos especialmente adaptados para esse fim
- **H01G** Capacitores; retificadores, detectores, dispositivos de chaveamento, dispositivos sensíveis à luz ou dispositivos sensíveis à temperatura do tipo eletrolítico
- **A61P** Atividade terapêutica específica de compostos químicos ou preparações medicinais
- **G02B** Elementos, sistemas ou aparelhos ópticos
- **B81C** Processos ou aparelhos especialmente adaptados para a fabricação ou tratamento de dispositivos ou sistemas de microestrutura
- **C12M** Aparelhos para enzimologia ou microbiologia
- **D01D** Métodos ou aparelhos mecânicos para a manufatura de filamentos, linhas, fibras, cerdas ou fitas artificiais
- **C07F** Compostos acíclicos, carbocíclicos ou heterocíclicos contendo outros elementos que não o carbono, o hidrogênio, o halogênio, o nitrogênio, o enxofre, o selênio ou o telúrio
- **B01L** Aparelhos de laboratório de química ou de física para uso geral
- **H05B** Aquecimento elétrico; iluminação elétrica não incluída em outro local
- **C22C** Ligas
- **C02F** Tratamento de água, de águas residuais, de esgotos ou de lamas e lodos
- **G11C** Memórias estáticas
- **C07H** Açúcares; seus derivados; nucleosídeos; nucleotídeos; ácidos nucleicos
- **H05K** Circuitos impressos; invólucros ou detalhes estruturais de aparelhos elétricos; fabricação de conjuntos de componentes elétricos

- **C03C** Composição química de vidros, vidrados (vitrificados) ou esmaltes vítreos; tratamento da superfície do vidro; tratamento da superfície de fibras ou filamentos de vidro, minerais ou escórias; união de vidro a vidro ou a outros materiais
- **H01J** Válvulas de descarga elétrica ou lâmpadas de descarga

Tabela 2: Pedidos de patente de Nanomateriais publicados no mundo no 1º semestre de 2011.

Número do Pedido	País e Nº da Prioridade	Nome(s) do(s) Depositantes	CIP	Título
AR075706 A1 20110420	EP20090153958 20090227	BASF SE [DE]		PROCESO PARA LA PRODUCCION DE NANOFIBRAS Y/O NANOTUBOS DE CARBONO Y CATALIZADOR
AR075961 A1 20110511	EP20090156703 20090330; US20090212073P 20090406	OMYA DEVELOPMENT AG [CH]		Process for the production of nano-fibrillar cellulose gels
AT491756T T 20110115	US20050678989P 20050509; US20050302850 20051214; WO2006US15898 20060426	SABIC INNOVATIVE PLASTICS IP [NL]	C09D4/00; C08K9/06; C09C1/30; C09D163/00	Curable composition and article possessing protective layer obtained therefrom
AT491808T T 20110115	GB20020023666 20021010; WO2003GB04368 20031009	CAMBRIDGE ENTPR LTD [GB]	C12Q1/68; B01J19/00	ARRAYS OF ELECTRODES COATED WITH MOLECULES AND THEIR PRODUCTION
AT491969T T 20110115	US20020263116 20021002; WO2003US30281 20030926	3M INNOVATIVE PROPERTIES CO [US]	G03F7/029; C08F2/00; C08F2/50; G03F7/20	Multiphoton photosensitization system
AT492572T T 20110115	DE200610035773 20060801; WO2007EP06409 20070719	BAYER TECHNOLOGY SERVICES GMBH [DE]	C08F4/02; B01J21/18; B01J32/00; C08F2/34; C08F4/659	VERFAHREN ZUR HERSTELLUNG VON KOHLENSTOFFNANORÖHREN-POLYMER-MISCHUNGEN MITTELS GASPHASENPOLYMERISATION
AT492610T T 20110115	EP20070115107 20070828; WO2008EP61220 20080827	BASF SE [DE]	C09D7/00; C09D7/12	PHOTOACTIVE TiO <sub>2</sub> IN COATING MATERIALS

Número do Pedido	País e Nº da Prioridade	Nome(s) do(s) Depositantes	CIP	Título
AT492914T T 20110115	AT20020000775 20020522; WO2003AT00131 20030506	KONARKA AUSTRIA FORSCHUNGS UND ENTWICKLUNGS GMBH [AT]	H01L51/42; H01L51/00; H01L51/30; H01L51/40	Post-treatment method for photovoltaic cell using thermal treatment at temperature above glass transition temperature of electron donor
AT494063T T 20110115	DE200410056980 20041125; WO2005EP12648 20051125	CLONDIAG GMBH [DE]	B01J19/00; C40B40/06; C40B50/14	VERFAHREN ZUR ORTSSPEZIFISCHEN SYNTHESE VON BIOPOLYMEREN AUF FESTEN TR?GERN
AT494261T T 20110115	US19990161717P 19991027; WO2000US29722 20001027	UNIV RICE WILLIAM M [US]	C01B31/02; H01J1/304; H01J9/02	MACROSCOPIC ORDERED ASSEMBLY OF CARBON NANOTUBES
AT494337T T 20110115	JP20000335888 20001102; WO2001JP09579 20011101	KURARAY CO [JP]	C09C3/06; A61K6/00; A61K6/06; A61K6/08; A61K6/083; C09C1/30; C09C1/36	FILLINGS AND COMPOSITE DENTAL MATERIALS CONTAINING THE FILLINGS
AT494861T T 20110115	EP20070112076 20070709; WO2008EP58860 20080708	ASTRA TECH AB [SE]	A61F2/30; A61C8/00; A61K6/04; A61L27/04; A61L27/06; A61L27/30; A61L27/50; C23F1/26	Nanosurface
AT495223T T 20110115	US20050301135 20051212; WO2006US43947 20061113	MILLENNIUM INORGANIC CHEM [US]	C09C1/36	Amino phosphoryl treated titanium dioxide

Número do Pedido	País e Nº da Prioridade	Nome(s) do(s) Depositantes	CIP	Título
AT496004T T 20110215	EP20000120893 20000926	EVONIK DEGUSSA GMBH [DE]	A61K8/19; C01B13/22; A61K8/00; A61K8/25; A61K8/29; A61Q17/04; B01J23/745; B01J35/02; B01J35/10; B01J37/08; C01B13/24; C01B33/12; C01G23/00; C01G49/00; C09C1/00; C09C1/22; C09C1/30; C09C1/36; C09D7/12; C09K3/00	Iron oxide- and silicon dioxide- titanium dioxide mixture
AT496101T T 20110215	FR20020002470 20020227; WO2003FR00624 20030226	RHODIA ELECT & CATALYSIS [FR]	C09D7/12; C08K3/22; C09D5/32	USE OF AN ORGANIC SOL OF CERIUM IN PAINTS, PARTICULARLY LACQUERS AND VARNISHES
AT496401T T 20110215	JP19990204038 19990719; JP20000058116 20000303; JP20000157509 20000529; WO2000JP04864 20000719	SONY CORP [JP]	H01M8/10; H01B1/04; H01B1/12; H01M4/86; H01M4/88; H01M6/18; H01M10/34	PROTON CONDUCTING MATERIAL AND METHOD FOR PREPARING THE SAME, AND ELECTROCHEMICAL DEVICE USING THE SAME
AT496867T T 20110215	JP20010309271 20011004; JP20020289557 20021002	CANON KK [JP]	B82B3/00; C01B31/02; B01J3/00; B01J20/20; B01J23/755; B01J27/22; B01J27/25; B01J31/04; B01J31/22; D01F9/127; F17C11/00; H01J9/02; H01M4/58; H01M4/86	Method for producing nanocarbon material

Número do Pedido	País e Nº da Prioridade	Nome(s) do(s) Depositantes	CIP	Título
AT496869T T 20110215	FR20020014579 20021121; WO2003FR50126 20031120	COMMISSARIAT ENERGIE ATOMIQUE [FR]; CENTRE NAT RECH SCIENT [FR]	C01F7/42; C04B35/10; C04B35/119; C04B35/185; C04B35/44; C04B35/453; C30B11/00; C30B11/12	Production of monolithic alumina hydrate, useful for producing monolithic alumina, aluminates and composite materials, comprises coating aluminum with a noble metal amalgam and exposing it to a wet oxidizing atmosphere
AT496871T T 20110215	IL20050171363 20051011; IL20050171364 20051011; IL20060178477 20061005; WO2006IL01185 20061015	JOMA INTERNAT AS [IL]	C01G23/00; C01G23/04; C01G23/053; C01G49/00; C01G49/14	A PROCESS FOR THE PRODUCTION OF TITANIUM PRODUCTS
AT496960T T 20110215	DE200710040927 20070830; WO2008EP06795 20080819	BAYER MATERIALSCIENCE AG [DE]	C08J5/00; C08L69/00	VERFAHREN ZUR HERSTELLUNG SCHLAGZ?HMODIFIZIERTE R GEF?LLTER POLYCARBONAT- ZUSAMMENSETZUNGEN
AT497034T T 20110215	US20040628469P 20041116; WO2005US41603 20051116	HYPERION CATALYSIS INT [US]	D01C5/00; D01F9/12	METHODS FOR PREPARING CATALYSTS SUPPORTED ON CARBON NANOTUBE NETWORKS
AT497836T T 20110215	US20070775509 20070710; WO2008US62182 20080501	INNOVALIGHT INC [US]	B01J12/00; B01J19/08; C01B33/029; H01J37/32	METHODS AND APPARATUS FOR THE PRODUCTION OF GROUP IV NANOPARTICLES IN A FLOW-THROUGH PLASMA REACTOR

Número do Pedido	País e Nº da Prioridade	Nome(s) do(s) Depositantes	CIP	Título
AT497927T T 20110215	JP20020275598 20020920; JP20030105676 20030409; WO2003JP11810 20030917	PANASONIC CORP [JP]	B82B3/00; B82B1/00; C01G3/02; C01G37/02; C01G53/04; C08K3/10; C08L89/00; H01L21/28; H01L21/8247; H01L27/115; H01L29/06; H01L29/788; H01L29/792	METHOD FOR PREPARING NANO-PARTICLES
AT498460T T 20110315	US20050734961P 20051108; WO2006US43283 20061108	SURMODICS INC [US]	B05D5/04; A61L27/34; A61L29/08; A61L31/10; B05D3/06; C08J7/04; C09D5/00	ULTRA-THIN PHOTO- POLYMER COATINGS AND USES THEREOF
AT498468T T 20110315	FR20050013274 20051223; WO2006FR02691 20061208	CENTRE NAT RECH SCIENT [FR]	B22F9/18; C08G83/00	PARTIKELSYNTHESE IN DENTRITISCHEN STRUKTUREN
AT498582T T 20110315	US20020377856P 20020502; US20020377920P 20020502; US20020255122 20020924	ZYVEX PERFORMANCE MATERIALS INC [US]; UNIV PITTSBURGH [US]	C01B31/02; C08G61/00; C08G61/02; C08G61/12	Polymer and method for using the polymer for solubilizing nanotubes
AT498592T T 20110315	JP20030386694 20031117; JP20040271984 20040917; WO2004JP16981 20041116	NAT INST OF ADVANCED IND SCIEN [JP]	C03C14/00; B82B1/00; C03B8/02; C03C17/00; C04B35/46; H01M4/131; H01M4/48; H01M4/485; H01M4/50; H01M4/505; H01M4/52; H01M4/525; H01M4/62; H01M10/05; H01M10/0525; H01M10/36	NANOCRYSTAL OXIDE/GLASS COMPOSITE MESOPOROUS POWDER OR THIN FILM, PROCESS FOR PRODUCING THE SAME, AND UTILIZING THE POWDER OR THIN FILM, VARIOUS DEVICES, SECONDARY BATTERY AND LITHIUM STORING DEVICE
AT498655T T 20110315	US20070896743P 20070323; US20080049585 20080317	TREMCO INC [US]	C08L33/04; C08J5/00; C09D7/12	Aqueous polymer dispersions modified with solvent-softened nanoparticles



Número do Pedido	País e Nº da Prioridade	Nome(s) do(s) Depositantes	CIP	Título
AT498838T T 20110315	US19970049489P 19970612; WO1998US12430 19980612	CLINICAL MICRO SENSORS INC [US]	G01N27/30; G01N27/327; G01N27/333; G01N33/543; G01N33/84	ELECTRONIC METHODS FOR THE DETECTION OF ANALYTES
AT499321T T 20110315	DE200510062606 20051223; WO2006EP11657 20061205	INST TEXTIL & FASERFORSCHUNG [DE]	C01B33/193; C01B33/26; D06M11/45; D06M11/79	New nano-scale primary particle based on silicon oxide/mixed oxide of silicon oxide and other metal oxide, useful e.g. for hydrophilic coating of hydrophobic textile materials
AT499956T T 20110315	DE20021060918 20021220	BIOMET DEUTSCHLAND GMBH [DE]	A61L24/02; A61L27/00; A61L24/00; A61L24/04; A61L31/00; C09C1/00; C09C1/24; C09C3/10	Bone cement with improved mechanical properties and method for producing it
AT500201T T 20110315	EP20020405964 20021108; WO2003EP12204 20031103	ADVANCED POLYMERIK PTY LTD [AU]	C01B33/44; C08J3/22; C08K3/34; C08K7/00; C08K9/04; C08L23/02; C08L23/08; C09C1/40; C09C1/42; C09C3/00; C09C3/08; C09C3/10	PROCESS FOR THE PREPARATION OF POLYOLEFIN NANOCOMPOSITES
AT500289T T 20110315	JP20040252207 20040831; WO2005JP16371 20050831	TAKEOKA SHINJI [JP]	C08J5/18; B01D69/12; B29C41/12; B29C41/14; B32B9/00; B82B3/00; C08L89/00	THIN-FILMY POLYMERIC STRUCTURE AND METHOD OF PREPARING THE SAME
AT500352T T 20110315	DE200710017032 20070411; WO2008EP01981 20080312	MAX PLANCK GESELLSCHAFT [DE]	C23C18/08; C23C18/12; C23C18/14; G02B1/12; G02B3/00	VERFAHREN ZUR HERSTELLUNG VON FL?CHIGEN GR?SSEN- ODER ABSTANDSVARIATIONEN IN MUSTERN VON NANOSTRUKTUREN AUF OBERFL?CHEN

Número do Pedido	País e Nº da Prioridade	Nome(s) do(s) Depositantes	CIP	Título
AT500507T T 20110315	US20010013972 20011211; WO2002US27907 20020830	KIMBERLY CLARK CO [US]	G01N21/41; G01N33/543; G01N21/47	METHODS TO VIEW AND ANALYZE THE RESULTS FROM DIFFRACTION-BASED DIAGNOSTICS
AT501222T T 20110315	EP20040104041 20040823; WO2005EP53994 20050815	BASF SE [DE]	C09C1/00	PROCESS FOR PREPARING FLAKE-FORM PIGMENTS
AT501273T T 20110315	US20020251152 20020920; WO2003US28082 20030905	INTEL CORP [US]	C12Q1/68; C12M1/34; G01N33/48; G01N33/50; G01N33/543; G01N33/573; G01Q70/12; G01Q70/18; G06F19/00	Controlled alignment of nanobarcodes encoding specific information for scanning probe microscopy (SPM) reading
AT501837T T 20110415	US20030725209 20031201	CRYOVAC INC [US]	B29C71/04; B65D65/40; B32B7/02; B32B27/18; C08J3/28; C08J5/18; C08J7/00; C08K3/04; C08K7/24; C08L101/00	Packaging film and method of increasing the gas transmission rate of a packaging film
AT501989T T 20110415	FR20060011175 20061221; WO2007FR02146 20071221	COMMISSARIAT ENERGIE ATOMIQUE [FR]; ECOLE NALE SUP ARTES METIERS [FR]	C04B35/48	Refractory ceramic composite material useful in a piece of structure, comprises hafnium dioxide grains of monoclinic structure, hafnium dioxide grains of cubic structure stabilized by yttrium oxide, closed pores, and open pores
AT502087T T 20110415	EP20050110898 20051117; WO2006EP68200 20061108	BASF SE [DE]	C09C1/00	PROCESS FOR PREPARING FLAKE-FORM PARTICLES

Número do Pedido	País e Nº da Prioridade	Nome(s) do(s) Depositantes	CIP	Título
AT502117T T 20110415	US19990344667 19990625; US20000200161P 20000426; WO2000US17507 20000626	NANOSPHERE INC [US]	C12Q1/68; G01N33/53; C07H21/00; C12M1/00; C12N15/09; G01N27/04; G01N27/12; G01N33/553; G01N33/58; G01N37/00	NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO AND USES THEREFOR
AT502296T T 20110415	EP20000127149 20001212	SONY DEUTSCHLAND GMBH [DE]	G01N27/12; G01N33/68; G01N27/04; G01N27/22	Selective chemical sensors based on interlinked nanoparticle assemblies
AT502299T T 20110415	US20050712432P 20050831; WO2006US32316 20060818	UNIV NORTHWESTERN [US]	G01N33/50	Nanoarrays of single virus particles, methods and instrumentation for the fabrication and use thereof
AT503590T T 20110415	FR20060007245 20060810; WO2007EP58320 20070810	SURFACTIS TECHNOLOGIES [FR]	B05D5/00; A61K8/11; A61K31/66; A61K31/6615; A61K49/18; A61L27/32; B05D1/18	METHOD OF COVERING SELF-ASSEMBLED METAL OR INORGANIC MONOLAYER SURFACES OF GEM-BISPHOSPHONIC COMPOUNDS AND USES THEREOF
AT503726T T 20110415	DE20001047997 20000926; DE20011015415 20010329; DE20011029304 20010618; WO2001EP10926 20010921	LANXESS DEUTSCHLAND GMBH [DE]	B01D53/46; C02F1/28; B01D15/00; B01D53/02; B01D53/26; B01D53/72; B01J20/02; B01J20/06; B01J20/08; B01J20/30; B01J23/745; C01G49/00; C01G49/02; C01G49/06	CONTACT AND ADSORBER GRANULATES
AT503727T T 20110415	DE20001047996 20000926; DE20011015417 20010329; DE20011029306 20010618; WO2001EP10513 20010912	LANXESS DEUTSCHLAND GMBH [DE]	C02F1/28; B01D15/00; B01D53/02; B01D53/26; B01J8/06; B01J20/06; C01G49/00; C01G49/02; C01G49/06	CONTACT AND ADSORBER GRANULATES

Número do Pedido	País e Nº da Prioridade	Nome(s) do(s) Depositantes	CIP	Título
AT503728T T 20110415	DE20001047996 20000926; DE20001047997 20000926; DE20011015414 20010329; WO2001EP10634 20010914	LANXESS DEUTSCHLAND GMBH [DE]	C02F1/28; B01D15/00; B01D53/02; B01D53/26; B01J20/06; B01J20/08; B01J23/745; C01G49/00; C01G49/02; C01G49/06	CONTACTING AND ADSORBENT GRANULES
AT503729T T 20110415	DE20001047996 20000926; DE20001047997 20000926; DE20011015418 20010329; DE20011015415 20010329; DE20011015417 20010329; DE20011015414 20010329; DE20011029307 20010618; DE20011029304 20010618; DE20011029306 20010618; WO2001EP10930 20010921	LANXESS DEUTSCHLAND GMBH [DE]	B01D61/16; C02F1/28; B01D15/00; B01D53/02; B01D53/26; B01D63/08; B01D71/36; B01J20/06; B01J20/08; B01J20/28; C01G49/00; C01G49/02; C01G49/06; C02F1/44	ADSORPTION CONTAINER AND IRON OXIDE ADSORBER
AT504546T T 20110415	IN2007DE00279 20070213; WO2008IN00020 20080114	COUNCIL SCIENT IND RES [IN]	C01F17/00; C01G23/00	AN IMPROVED SOL-GEL PROCESS FOR THE PREPARATION OF NANOCRYSTALLINE CETI2O6 POWDER
AT505435T T 20110415	AU1998PP03557 19980515; WO1999AU00368 19990517	ADVANCED NANO TECHNOLOGIES PTY LTD [AU]; SAMSUNG CORNING PREC MAT CO [KR]	B02C19/18; C01G1/02; B01J19/00; B22F9/04; B22F9/20; C01B13/14; C01B13/18; C01B13/32; C01F7/02; C01F7/30; C01F7/44; C01F11/06; C01F17/00; C01G9/02; C01G19/02; C01G23/00; C01G23/04; C01G23/047; C01G23/08; C01G25/02; C01G99/00; C22B5/02; C22C1/04; C22F1/04	PROCESS FOR THE PRODUCTION OF ULTRAFINE POWDERS

Número do Pedido	País e Nº da Prioridade	Nome(s) do(s) Depositantes	CIP	Título
AT506068T T 20110515	DE200710044031 20070914; WO2008EP07138 20080902	BAYER MATERIALSCIENCE AG [DE]	A61K33/44; B01J23/889; B01J37/03; C01B31/02	KOHLSTOFFNANORHREN PULVER, KOHLSTOFFNANORHREN UND VERFAHREN ZU IHRER HERSTELLUNG
AT506323T T 20110515	DE200510032427 20050712; WO2006EP63047 20060609	EVONIK DEGUSSA GMBH [DE]	C01F7/02	ALUMINIUMOXIDDISPERSI ON
AT507187T T 20110515	FR20020007785 20020624; WO2003FR01944 20030624	COMMISSARIAT ENERGIE ATOMIQUE [FR]	B01J35/02; C01B31/02; B01J23/745; B01J37/02	VERFAHREN UND VORRICHTUNG ZUR ABSCHIEDUNG VON NANORHREN ODER STICKSTOFFDOTIERTEN KOHLSTOFFNANORHRE N MITTELS PYROLYSE
AT507188T T 20110515	DE20021054567 20021121; WO2003DE03823 20031119	CT FUER ANGEWANDTE NANOTECHNOLOGIE CAN GMBH [DE]	C01F11/46; C01F5/40; C09C1/02	METHOD FOR PRODUCING ALKALINE EARTH SULPHATE NANOPARTICLES
AT507267T T 20110515	JP20070105702 20070413; WO2008JP53102 20080222	ASAHI GLASS CO LTD [JP]	C09C3/12; C01B33/18; C01G9/02; C08J5/18; C08K9/06; C08L27/12; C09C1/00; C09C1/04	PROCESS FOR PRODUCING METAL OXIDE PARTICLE COATED WITH HYDROPHOBIZED SILICON OXIDE
AT507476T T 20110515	DE20011064309 20011228; WO2002EP14769 20021227	FRAUNHOFER GES FORSCHUNG [DE]	G01N27/62; G01N33/543; B01J19/00; C12N1/00; C12N15/09; C12Q1/04; C12Q1/68; G01N21/27; G01N21/33; G01N21/64; G01N33/53; G01N33/545; G01N33/547; G01N33/552; G01N33/553; G01N37/00	IMPROVED STRUCTURED- FUNCTIONAL BONDING MATRICES FOR BIOMOLECULES

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AT507587T T 20110515	JP20030155416 20030530; WO2003JP13725 20031027	FUJI XEROX CO LTD [JP]	B82B1/00; H01L51/00; B82B3/00; C01B31/02; H01L21/28; H01L21/3205; H01L23/52; H01L29/06; H01L51/05; H01L51/30; H01L51/40; H05K1/09; H05K3/06	PROCESS FOR PRODUCING A CARBON NANOTUBE DEVICE
AT507854T T 20110515	EP20060000453 20060111	STRAUMANN HOLDING AG [CH]; EIDGENOESS TECH HOCHSCHULE [CH]	A61L27/34; A61L29/08; A61L31/10	Cell selective implant surface with controlled release of bioactive agents
AT508214T T 20110515	EP20050005097 20050309	EVONIK DEGUSSA GMBH [DE]	C23C4/10; C23C4/12	Plasma-sprayed alumina layers
AT508986T T 20110515	DE20031029626 20030625; WO2004EP06938 20040625	ITN NANO VATION AG [DE]	C01G1/02; C01F17/00; C01G19/00; C01G23/00; G01N27/12; G01N33/00	MIXED METAL OXIDES AND USE THEREOF IN CO2 SENSORS
AT509003T T 20110515	EP20090156993 20090331	SCHOTT AG [DE]	C04B35/486; C04B35/50	Method for production of transparent ceramics
AT509290T T 20110515	US20050077598 20050311; WO2006US09007 20060310	3M INNOVATIVE PROPERTIES CO [US]	G02B1/04	Polymerizable composition comprising low molecular weight organic component
AT509298T T 20110515	WO2004SG00295 20040915	AGENCY SCIENCE TECH & RES [SG]	G03F7/00	AN IMPRINTED POLYMER SUPPORT
AT509693T T 20110615	US20050647427P 20050128; WO2006CA00110 20060127	TEKNA PLASMA SYSTEMS INC [CA]	B01J19/08; B22F9/12; C01B13/30; C01B13/36; C01G1/00; C01G1/02; C01G17/02	INDUCTION PLASMA SYNTHESIS OF NANOPOWDERS
AT509891T T 20110615	EP20050112533 20051220	EVONIK DEGUSSA GMBH [DE]	C01B33/18; C08K3/36	Pyrogenically produced silicon dioxide

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AT509977T T 20110615	FR20060055653 20061219; US20070686076 20070314; FR20070054278 20070404; US20070753394 20070524; FR20070055356 20070530; FR20070055659 20070611; FR20070056182 20070629; US20070835004 20070807; FR20070058660 20071029; WO2007FR52556 20071219	COMMISSARIAT ENERGIE ATOMIQUE [FR]	C08J5/18; B05D7/00; C08F2/38; C08J5/24; C08J7/12; C09D4/00; C09D133/00; C09D139/08	Formation of organic film at surface of solid support, involves contacting solid support surface with liquid solution having protic solvent(s) and adhesion primer(s) under non- electrochemical condition, and forming radical entities
AT510606T T 20110615	WO2008JP53638 20080229	IBIDEN CO LTD [JP]	B01D46/00; B01J35/04; C04B35/00; C04B38/00	Sealing material for a honeycomb structured body, honeycomb structured body and method for manufacturing the honeycomb structured body
AT510800T T 20110615	FR20070054264 20070404; WO2008FR50606 20080404	ESSILOR INT [FR]	C01G25/02; B01J13/00; C08K3/22	METHOD FOR PREPARING A COLLOIDAL ZIRCONIA SOLUTION
AT510881T T 20110615	JP20020352178 20021204; WO2003JP15487 20031203	TEIJIN LTD [JP]	C08K7/00; C08G69/32; C08K7/04; C08K7/06; C08L77/10	COMPOSITE FIBER COMPRISING WHOLLY AROMATIC POLYAMIDE AND CARBON NANOTUBE
AT510890T T 20110615	US20050711308P 20050825; WO2006US32732 20060822	DU PONT [US]	C09D7/12	PROCESS FOR THE PRODUCTION OF A SCRATCH RESISTANT VEHICLE COATING

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AT512115T T 20110615	US20030442146P 20030122; WO2004US01895 20040122	UNIV ARKANSAS [US]	B82B3/00; B05D7/00; B32B5/16; C09K11/02; C09K11/08; C09K11/56; C09K11/70; C09K11/74; C09K11/88; C30B5/00; C30B7/00; C30B7/08; C30B29/60; H01L33/00	MONODISPERSE CORE/SHELL AND OTHER COMPLEX STRUCTURED NANOCRYSTALS AND METHODS OF PREPARING THE SAME
AT512116T T 20110615	IT2004RM00502 20041013; WO2005IT00587 20051010	UNI DEGLI STUDI DI ROMA SLA SAPIENZAS [IT]	C01B31/02; B01J23/83; C01B3/26	SIMULTANEOUS PRODUCTION OF CARBON NANOTUBES AND MOLECULAR HYDROGEN
AT512238T T 20110615	DE200710017380 20070405; WO2008EP54032 20080403	UNIV BERLIN FREIE [DE]	C25D15/02; B82B3/00; C25D5/50	MATERIALSYSTEM UND VERFAHREN ZUR DESSEN HERSTELLUNG
AU2011200520 A1 20110303	AU20060282761 20060825; AU20110200520 20110208; WO2006US33706 20060825; US20050213136 20050826; US20060384970 20060320	PPG IND OHIO INC [US]	C08K3/22; C08K3/34; C08K9/04; C09D5/08; C09D7/12	Coating compositions exhibiting corrosion resistance properties, related coated substrates, and methods
BRPI0611053 A2 20110531	DE200510020384 20050502; WO2006DE00756 20060502	THERAINV GMBH [DE]	G01N33/58; G01N33/533; G01N33/542	MÉTODO PARA DETECÇÃO DE UM OU MAIS ANALITOS, KIT PARA DETECÇÃO DE PELO MENOS UM ANALITO, CONJUGADOS DO ANALITO E UM FLUORÓFORO DE CRIPATO DE EURÓPIO, USO DOS CONJUGADOS



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BRPI0613344 A2 20110104	US20050690863P 20050616; NO20050006149 20051222; WO2006NO00229 20060616	SINVENT AS [NO]	C01B31/02; B08B3/00; H05H1/50	PROCESSO PARA PRODUZIR NANOTUBOS DE CARBONO E REATOR PARA PRODUZIR NANOTUBOS DE CARBONO
BRPI0614329 A2 20110322	US20050706469P 20050808; WO2006US30609 20060807	CABOT CORP [US]	C08K3/04; C08J5/00; C08K7/06; C08L23/08; H01B1/24	COMPOSIÇÕES POLIMÉRICAS CONTENDO NANOTUBOS
BRPI0614679 A2 20110412	US20050200668 20050810; US20050201353 20050810; WO2006US31080 20060809	DIRECTA PLUS PATENT & TECHNOLOGY LTD [CY]	B22F9/00; B01J19/00; B01J37/02	PRODUÇÃO CONTÍNUA DE NANOPARTÍCULAS METÁLICAS
BRPI0614681 A2 20110412	US20050200966 20050810; US20050200965 20050810; US20050200985 20050810; WO2006US31082 20060809	DIRECTA PLUS PATENT & TECHNOLOGY LTD [CY]	B01J23/00	PROCESSO E APARELHO PARA PRODUÇÃO DE MATERIAIS DE SUPORTE REVESTIDOS DE CATALISADOR
BRPI0614682 A2 20110412	US20050200669 20050810; US20050201352 20050810; US20050201355 20050810; WO2006US31081 20060809	DIRECTA PLUS PATENT & TECHNOLOGY LTD [CY]	B01J23/00	PROCESSO E APARATO PARA A PRODUÇÃO DE MATERIAIS DE CATALISADOR CONSTRUÍDO
BRPI0615571 A2 20110524	US20050715302P 20050908; WO2006US34378 20060905	3M INNOVATIVE PROPERTIES CO [US]	F01N3/022; B01D53/88; C03C14/00; F01N3/021; F01N3/28	MATERIAL DE RETENÇÃO PARA ELEMENTO DE CONTROLE DE POLUIÇÃO E APARELHO DE CONTROLE DE POLUIÇÃO
BRPI0616051 A2 20110607	DE200510045666 20050914; WO2006EP08713 20060907	ITN NANOVAION AG [DE]	C04B35/478; B22C1/18	CAMADA OU REVESTIMENTO E UMA COMPOSIÇÃO PARA A PRODUÇÃO DA MESMA

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BRPI0616332 A2 20110614	US20050720221P 20050923; WO2006US37357 20060925	MECS INC [US]	C01B17/78; B01J23/46; B01J23/56	PROCESSO PARA A OXIDAÇÃO CATALÍTICA DE DIÓXIDO DE ENXOFRE EM TRIÓXIDO DE ENXOFRE E PROCESSO PARA FABRICAR ÁCIDO SULFÚRICO E/OU ÓLEO DE UM GÁS DE FONTE QUE COMPREENDE DIÓXIDO DE ENXOFRE
BRPI0616570 A2 20110621	JP20050289084 20050930; WO2006JP309742 20060516	SAKAI CHEMICAL INDUSTRY CO [JP]	C01G23/053; A61K8/00; A61K8/06; A61K8/19; A61Q17/04; C08K9/00; C08L101/00; C09D7/12	PARTÍCULA FINA DE DIÓXIDO DE TITÂNIO RUTILA PROCESSO DE PRODUÇÃO E COMPOSIÇÕES COMPREENDENDO AS MESMAS
BRPI0706382 A2 20110322	US20060328384 20060109; WO2007US00435 20070105	MOMENTIVE PERFORMANCE MAT INC [US]	C03C17/30; C03C27/10; C08L83/04; C09K3/10	UNIDADE DE VIDRO ISOLADA POSSUINDO COMPOSIÇÃO CONTENDO SILOXANO CURÁVEL EM TEMPERATURA AMBIENTE DE PERMEABILIDADE REDUZIDA A GÁS

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BRPI0706600 A2 20110329	US20060759457P 20060117; WO2007US01226 20070117	PPG IND OHIO INC [US]	C03C1/00; B22F1/00; B22F9/02; C03C14/00; C23C14/00; C23C14/22	MÉTODOS PARA PRODUÇÃO DE PARTÍCULAS, NANOPARTÍCULAS E PARA REVESTIR UM LÍQUIDO IÔNICO, COMPOSIÇÕES, FILME E APARELHO PARA PRODUÇÃO DE PARTÍCULAS
BRPI0706644 A2 20110405	US20060759585P 20060118; WO2007EP50512 20070118	SPARKXIS B V [NL]	C09C1/36; B22F1/00; C08K3/22; C08K9/06; C09D7/12; H01L33/00	MATERIAIS MONOMÉRICOS E POLIMÉRICOS
BRPI0706696 A2 20110405	US20060336948 20060120; WO2007US01235 20070117	MOMENTIVE PERFORMANCE MAT INC [US]	C08K9/04; C08G77/04; C08K3/34; C08L83/04	NANOCOMPÓSITO INORGÂNICO E ORGÂNICO
BRPI0707159 A2 20110426	US20060336950 20060120; WO2007US01236 20070117	MOMENTIVE PERFORMANCE MAT INC [US]	C08J5/00; C03C27/10; C08K3/34; C08L83/04; C09K3/10; E06B3/663	UNIDADE DE VIDRO ISOLADA COM COMPOSIÇÃO VEDANTE TENDO REDUZIDA PERMEABILIDADE A GÁS
BRPI0707932 A2 20110531	US20060773538P 20060215; WO2007US04182 20070214	ISTVAN RUDYARD LYLE [US]	C01B3/08; B82B1/00; B82B3/00; H01M4/58	CARBONOS ATIVADOS MESOPOROSOS
BRPI0708373 A2 20110607	US20060405280 20060417; WO2007EP51062 20070205	ALTANA ELECTRIAL INSULATION GMBH [DE]	B01F17/00; C01F7/02; C09C1/40; C09D201/06; H01B7/02	MÉTODO DE PREPARAR DISPERSÃO ESTÁVEL DE NANO-ALUMINA DERIVADA DE SOL E MÉTODO DE RESVESTIMENTO DE FIO
BRPI0708587 A2 20110607	US20060276620 20060308; WO2007US04295 20070219	3M INNOVATIVE PROPERTIES CO [US]	C08K3/04; C08K7/22; C08L27/00; C08L27/12	COMPÓSITOS DE POLÍMERO

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CA2716056 A1 20110330	US20090247188P 20090930	IPL INC [CA]	C08L23/06; C08J3/20; C08K3/04; C08K5/098; C08K5/103; C08K5/1539; C09K5/14	THERMALLY CONDUCTIVE POLYMER COMPOSITIONS
CA2717464 A1 20110419	US20090581420 20091019; US20100820497 20100622	XEROX CORP [US]; CANADA NAT RES COUNCIL [CA]	C07D209/48; B82Y30/00; C07C65/21; C07C69/24; C07C69/76; C07C229/54; C07C233/54; C07C233/64; C07C251/76; C07C271/06; C07C275/42; C09D7/12; C09D11/00	SELF-ASSEMBLED NANOSTRUCTURES
CA2717579 A1 20110419	US20090581488 20091019; US20100777329 20100511	XEROX CORP [US]; CANADA NAT RES COUNCIL [CA]	C07D235/26; B82Y30/00; C09D11/00	SELF-ASSEMBLED NANOSTRUCTURES
CN101935045 A 20110105	JP20020205196 20020715	RICOH KK	C01B33/18; C01G9/00; C09C1/04; C09C1/30; C09C3/12; G03G9/087; G03G9/097; G03G15/00	External additive for electrophotographic toner, toner, developer and image forming method and apparatus
CN101935516 A 20110105	JP20010157701 20010525; JP20010157702 20010525; JP20010157703 20010525; JP20010157704 20010525; JP20010157705 20010525; JP20010164915 20010531	IBIDEN CO LTD [JP]	C09K3/10; C04B35/622; D01F9/08; F01N3/28	Retaining seal material
CN101935526 A 20110105	JP20060317524 20061124	SHARP KK	C09K11/64; C09K11/80; H01L33/32; H01L33/50; H01L33/56	Phosphor, method for producing the same, and light emitting device
CN101939093 A 20110105	WO2009EP51539 20090211; GB20080003378 20080211	CT FUER ANGEWANDTE NANOTECHNOLOGIE CAN GMBH [DE]	B01J19/24	Reactor for the manufacture of nanoparticles
CN101939253 A 20110105	WO2009US32936 20090203; US20080026123 20080205	IBM [US]	B82B3/00	Pattern formation employing self-assembled material

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CN101942577 A 20110112	CN20091054622 20090710	SHANGHAI INST CERAMICS; CORNING INC [US]	C22C1/05; C22C12/00; H01L35/34	Thermoelectric composite and preparation method thereof
CN101945824 A 20110112	WO2008US87385 20081218; US20070017326P 20071228	3M INNOVATIVE PROPERTIES CO [US]	C01G25/02; C04B35/119	Method of making zirconia-containing nanoparticles
CN101952014 A 20110119	WO2009CZ00020 20090219; CZ20080000095 20080221	ADVANCED MATERIALS JTJ S R O	B01D53/86; B01J21/06; B01J23/28; B01J23/40; B01J23/42; B01J23/50; B01J23/52; B01J23/72; B01J23/755; B01J35/00; B01J35/10; B01J37/00; B01J37/28; C01G23/047; C01G23/053	Titanium dioxide catalyst structure for processes up to 1000 deg c and the manufacturing thereof
CN101952036 A 20110119	WO2007US79528 20070926; US20060862123P 20061019; US20070734143 20070411	UNIV CINCINNATI	B01J23/63; B01J35/00; B01J37/02; B01J37/08; B01J37/34; C01B31/02	Composite catalyst and method for manufacturing carbon nanostructured materials
CN101952195 A 20110119	WO2009US32130 20090127; US20080030562 20080213	MICRON TECHNOLOGY INC [US]	B81C1/00	One-dimensional arrays of block copolymer cylinders and applications thereof
CN101952198 A 20110119	WO2008SG00442 20081120; SG20080005714 20080731; US20070989698P 20071121	NANOMATERIALS TECH PTE LTD	C01B17/20; C01B17/00; C01G5/00; C01G11/02	A process of making metal chalcogenide particles
CN101952202 A 20110119	WO2008IT00082 20080211	DAUNIA WIND SRL	C01G23/053	Process for the preparation of titanium dioxide with nanometric dimensions and controlled shape
CN101952373 A 20110119	WO2008US86914 20081216; US20070016048P 20071221; US20070015990P 20071221	3M INNOVATIVE PROPERTIES CO [US]	C09C1/04; C01G9/02; C09C3/08	Mixed ligand surface-modified nanoparticles

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CN101952378 A 20110119	WO2009US31518 20090121; US20080017619 20080122	PPG IND OHIO INC [US]	C09D7/12; C09C1/30; C09C1/40; C09C3/04	Coatings including pigments comprising substrate particles with ultrafine metal oxide particles deposited thereon
CN101953230 A 20110119	WO2009US34574 20090219; US20080030496P 20080221; US20090153227P 20090217	NITTO DENKO CORP [JP]	H05B33/14; C09K11/80	Light emitting device with translucent ceramic plate
CN101959799 A 20110126	WO2009EP52574 20090305; EP20080103388 20080404	EVONIK DEGUSSA GMBH [DE]	C01G23/00; C04B35/468; H01G4/12	A method to produce barium titanate powder from pyrogenic titanium dioxide
CN101959800 A 20110126	WO2009EP52126 20090223; FR20080001156 20080303	RHODIA OPERATIONS [FR]	C01G23/04; B01D53/56; B01J21/06; B01J37/08; C01B25/02; C01G23/047; C01G23/08; C01G25/00; C01G25/02	Composition based on a zirconium oxide, a titanium oxide or a mixed zirconium titanium oxide on a silica suport, methods of preparation, and use as catalyst
CN101959801 A 20110126	WO2009EP52129 20090223; FR20080001203 20080305	RHODIA OPERATIONS [FR]	C01G23/047; B01D53/56; B01J23/10; B01J37/08; C01G23/08; C01G25/00; C01G25/02	Composition based on a zirconium oxide, a titanium oxide or a mixed zirconium titanium oxide on an alumina or aluminium oxyhydroxide support, methods of preparation and use as catalyst
CN101959949 A 20110126	WO2009US30075 20090105; US20080019699P 20080108	3M INNOVATIVE PROPERTIES CO [US]	C08K7/18; C08J5/18; C08K3/22; C08L77/02	Nanoparticle dispersion, compositions containing the same, and articles made therefrom
CN101959972 A 20110126	WO2008EP67591 20081216; US20080018899P 20080104	SPARKXIS B V [NL]	C09C1/04; C09C1/24; C09C1/30; C09C1/36; C09C3/10; C09C3/12	Surface modification of metal oxide nanoparticles

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CN101959973 A 20110126	WO2008IB54206 20081013; EP20070118541 20071016	NXP BV	C09C1/36; B01J35/00; C09C1/00; C09C1/62; C09C1/64; C09C3/06; C09K11/08	Particle comprising core and shell and applications thereof
CN101960061 A 20110126	WO2009EP52173 20090224; DE200810013518 20080307	SIEMENS AG [DE]	D02G3/44; C23C14/14; C23C14/56; D06M11/83	Strand-like material composite with cnt yarns and method for the manufacture thereof
CN101960919 A 20110126	WO2009IB50686 20090219; EP20080152016 20080227	KONINKL PHILIPS ELECTRONICS NV [NL]	H05B33/22; H01L51/52	Hidden organic optoelectronic devices with a light scattering layer
CN101965312 A 20110202	WO2009US30868 20090113; US20080020986P 20080114; US20080021391P 20080116	UNIV OHIO STATE RES FOUND	C01B19/00; H01L35/16; H01L35/34	Thermoelectric figure of merit enhancement by modification of the electronic density of states
CN101970343 A 20110209	WO2008FR52264 20081210; FR20070059689 20071210	UNIV JOSEPH FOURIER; CENTRE NAT RECH SCIENT [FR]	C01B3/02	Hydrogen storage material made from magnesium hydride
CN101970347 A 20110209	WO2009EP00679 20090203; EP20080002399 20080208	UMICORE NV [BE]	C01B17/00; C09K3/14	Doped ceria abrasives with controlled morphology and preparation thereof
CN101970375 A 20110209	WO2009JP55559 20090313; JP20080064978 20080313	KROSAKI HARIMA CORP	C04B35/48; B22D11/10; B22D41/54; C01B31/02	Zirconia-carbon-containing refractory and method for producing same
CN101970550 A 20110209	WO2008CA02052 20081121; EP20070301580 20071123	NANOLEDGE INC; ECOLE NALE SUP ARTES METIERS [FR]; CENTRE NAT RECH SCIENT [FR]	C08J5/04; C08F292/00; C08K3/04; C08K7/24; C08L57/00; C09C1/44	Polymer carbon nanotube composites
CN101970588 A 20110209	WO2008US87111 20081217; US20070008063P 20071218	DU PONT [US]	C09D177/12; C09D179/08; C21D8/12; H01F1/18; H01F41/02	Process of coating electrical steel

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CN101970715 A 20110209	WO2009FR50274 20090220; FR20080051581 20080311	ARKEMA FRANCE [FR]	C23C16/18; C23C16/24; C23C16/32; C23C16/44	Method and system for depositing a metal or metalloid on carbon nanotubes
CN101970996 A 20110209	WO2008US88195 20081223; US20070018286P 20071231; US20080022115P 20080118	UNIV CALIFORNIA [US]	G01J3/44; C12Q1/42; C12Q1/48; G01N33/50	Sers-based, single step, real-time detection of protein kinase and/or phosphatase activity
CN101973546 A 20110216	US20030506623P 20030926	3M INNOVATIVE PROPERTIES CO [US]	C01B31/20; A62D9/00; B01D53/86; B01J21/04; B01J21/06; B01J21/18; B01J23/52; B01J23/66; B01J35/00; B01J35/02; B01J35/10; B01J37/02; B01J37/34	Method for oxidizing carbon monoxide
CN101974803 A 20110216	JP20040169759 20040608; JP20040251283 20040831	SHOWA DENKO KK [JP]	D01F9/127; C01B31/02; C04B35/80; D06M11/01; D06M11/34	Vapor-grown carbon fiber, production method thereof and composite material containing the same
CN101977839 A 20110216	WO2009US35804 20090303; US20080053006 20080321	MICRON TECHNOLOGY INC [US]	B81C1/00; C08L53/00	Methods of improving long range order in self-assembly of block copolymer films with ionic liquids
CN101977845 A 20110216	WO2009JP56214 20090319; JP20080072501 20080319	NIPPON CHEMICAL IND	C01G23/00; C04B35/46	Manufacturing method for barium titanate
CN101977873 A 20110216	WO2009US33222 20090205; US20080028005P 20080212	SAINT GOBAIN CERAMICS [US]	C04B35/50; C01F17/00; C09G1/02; H01L21/304	Ceria material and method of forming same
CN101977997 A 20110216	WO2009EP53377 20090323; FR20080001593 20080325	RHODIA OPERATIONS [FR]	C08L77/00; C08J5/00; C08K3/34; C08K7/00; C08L61/06; C08L77/06	Polyamide composition
CN101980782 A 20110223	WO2008US72125 20080804; US20080031425 20080214	MILLENNIUM INORGANIC CHEM [US]	B01J31/00	Colloidal titanium dioxide sols



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CN101980965 A 20110223	WO2009US39233 20090402; US20080061136 20080402	GILLETTE CO	C01G45/02; H01M4/50	Battery
CN101983173 A 20110302	WO2009JP52087 20090206; JP20080027346 20080207	NAT INST OF ADVANCED IND SCIEN [JP]	C01G9/02; A61K8/27; A61Q17/04; C09C3/10	Core-shell type zinc oxide microparticle or dispersion containing the microparticle, and production process and use of the microparticle or the dispersion
CN102002274 A 20110406	DE20021039423 20020828		C01B33/18; C09D7/12; C09C1/28; C09C1/30; C09C3/04; C09C3/12; C09D201/00	SILICA
CN102004393 A 20110406	US20040565604P 20040427		G03F7/00; C03C15/00; C04B24/38; C04B28/14; C04B41/91; G03F9/00	Composite patterning devices for soft lithography
CN102007186 A 20110406	WO2009US00902 20090212; US20080029873P 20080219		C09C1/56	Mesoporous carbon black and processes for making same
CN102007571 A 20110406	WO2009SE00098 20090220; US20080031333P 20080225		H01L21/18; H01L21/203; H01L21/302; H01L21/3205; H01L21/363; H01L29/06; H01L51/00	DEPOSITION AND SELECTIVE REMOVAL OF CONDUCTING HELPLAYER FOR NANOSTRUCTURE PROCESSING
CN102007629 A 20110406	WO2008US08209 20080702; US20080033859 20080219		H01M4/88; H01M4/92; H01M8/10	HIGH SURFACE AREA GRAPHITIZED CARBON AND PROCESSES FOR MAKING SAME
CN102015529 A 20110413	WO2009EP52127 20090223; US20080067478P 20080228		C01B31/04; C09C1/46	GRAPHITE NANOPLATELETS AND COMPOSITIONS

Número do Pedido	País e Nº da Prioridade	Nome(s) do(s) Depositantes	CIP	Título
CN102015996 A 20110413	WO2008US14042 20081222; US20070015555P 20071220		C12M1/34; C12P19/34	SYSTEM FOR THE DETECTION OF A BIOLOGICAL PATHOGEN AND USE THEREOF
CN102016128 A 20110413	WO2009EP01781 20090312; DE200810015333 20080320		C25D1/08; B01J19/00; C25D5/18	NANOWIRE STRUCTURAL ELEMENT
CN102016570 A 20110413	WO2008US78502 20081001; US20070976780P 20071001; US20070976774P 20071001		G01N33/48	DETECTION OF METHYLATED DNA AND DNA MUTATIONS
CN102018496 A 20110420	US20030500102P 20030903; US20030510769P 20031011		A61B5/00; B01L3/00	PERSONAL DIAGNOSTIC DEVICES AND RELATED METHODS
CN102019434 A 20110420	JP20030314208 20030905; JP20040116254 20040409; JP20040116253 20040409		B22F9/24; B22F1/00	METAL MICROPARTICLE, COMPOSITION CONTAINING THE SAME AND PROCESS FOR PRODUCING METAL MICROPARTICLE
CN102026917 A 20110420	WO2009FR50247 20090217; FR20080051094 20080220		C01B31/02	CROISSANCE DE NANOTUBES DE CARBONE SUR SUBSTRATS DE CARBONE OU METALLIQUES
CN102039132 A 20110504	CN20101528477 20101102	UNIV EAST CHINA SCIENCE & TECH; NIPPON CHEMICAL IND	B01J23/745; B01J35/10; B82Y30/00; B82Y40/00	Large-aperture mesoporous nanoparticles and preparation method thereof
CN102039149 A 20110504	CN20101538841 20101110	UNIV WUHAN SCIENCE & ENG	B01J27/20; B01J23/652; B01J23/68; B01J35/02; B01J37/00; B82Y30/00; B82Y40/00	Self-assembly method of precious metal quantum dot/one-dimensional titanate nanoribbon heterojunction material

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CN102039422 A 20110504	CN20101530646 20101103	SHANGHAI ZHONGKE TONGLI CHEMICAL INDUSTRY MATERIAL CO LTD; HUANGKUAN KONG	B22F9/24; B82Y30/00; B82Y40/00	Neutral nano-silver aqueous solution as well as preparation method and application thereof
CN102040194 A 20110504	CN20101554946 20101123	UNIV JILIN	B82B3/00; B82Y40/00	Method for realizing self assembly of nano particles by utilizing screening of porous membrane formed by arrangement of microspheres
CN102040201 A 20110504	CN20101532909 20101105	XIN JIANG UNIVERSITY	C01B19/04; B82Y40/00	Solvothermal controllable method for preparing ZnSe and ZnTe nano materials
CN102040203 A 20110504	CN20101550895 20101119	ANHUI NORMAL UNIVERSITY	C01B25/06; B01J27/185; B82Y40/00	Preparation method and application of nano nickel phosphide
CN102040207 A 20110504	CN20101532271 20101104	UNIV SHAANXI SCIENCE & TECH	C01B25/32; B82Y40/00	Preparation method of carbonated silicon-containing HA (Hydroxyapatite) nano powder
CN102040246 A 20110504	CN20101520394 20101027	UNIV JIANGSU SCIENCE & TECH	C01G45/02; B82Y40/00	Method for synthesizing manganous-manganic oxide nano material at room temperature by using mild path
CN102040249 A 20110504	CN20101570523 20101202	UNIV XI AN JIAOTONG	C01G45/12; B82Y40/00	Method for preparing lithium manganate nanowire made of positive material of lithium ion battery
CN102040663 A 20110504	CN20101575030 20101206	UNIV DONGHUA	C08B15/08; B82Y40/00	Preparation method of narrow-distribution cellulose nanocrystalline

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CN102040793 A 20110504	CN20101541625 20101112	UNIV BEIJING CHEMICAL	C08L33/14; B82Y30/00; B82Y40/00; C08K3/32; C08K3/34	PGEA and Dawson polyacid or Dawson vacancy polyacid assembly nanometer hybrid material and preparation method thereof
CN102041534 A 20110504	CN20101507949 20101014	UNIV NORTHWESTERN POLYTECHNIC	C25D9/02; B81C1/00; B82Y40/00; C25D15/00	Method for simultaneously preparing two types of super-hydrophobic films by utilizing copper chloride
CN102041535 A 20110504	CN20101507958 20101014	UNIV NORTHWESTERN POLYTECHNIC	C25D9/02; B81C1/00; B82Y40/00; C25D15/00	Method for preparing two types of super-hydrophobic membranes simultaneously by utilizing ferric chloride
CN102041536 A 20110504	CN20101507966 20101014	UNIV NORTHWESTERN POLYTECHNIC	C25D9/02; B81C1/00; B82Y40/00; C25D15/00	Method for preparing two types of super-hydrophobic membranes simultaneously by utilizing nickel chloride
CN102044662 A 20110504	CN20101508979 20101013	UNIV TAIYUAN TECHNOLOGY	H01M4/139; B82Y40/00; C25D11/12	Method for preparing spinel type lithium titanate nanowire array
CN102049226 A 20110511	CN20101545984 20101116	ZHENGZHOU TOBACCO RES CNTC	B01J13/02; B01J23/52; B01J35/02; B82Y40/00	Method for preparing TMV template-based nano-gold material
CN102049529 A 20110511	CN20101594317 20101217	CHENGBIN JING	B22F9/24; B82Y40/00; C23C18/31	Method for preparing Ge material by adopting Ge acid radical ion water-solubility precursor
CN102049890 A 20110511	CN20101524918 20101029	UNIV TSINGHUA [CN]; HONGFUJIN PREC IND SHENZHEN	B32B9/04; B32B27/00; B82Y40/00	Method for preparing carbon nanotube composite material
CN102050479 A 20110511	CN20111028775 20110127	UNIV SHANDONG JIAOTONG	C01F17/00; B82Y40/00	Ceric oxide nanorod and preparation method thereof

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CN102050493 A 20110511	CN20111008823 20110114	SHANGHAI TECH PHYSICS INST	C01G41/02; B82Y40/00	Method for preparing WO <sub>3</sub> nanocrystalline
CN102051169 A 20110511	CN20101574173 20101206	UNIV GUIZHOU	C09K11/59; B32B9/00; B82Y30/00; B82Y40/00	Multilayer all-silicon luminescent material and preparation method thereof
CN102051177 A 20110511	CN20101297647 20100930	UNIV JINAN	C09K11/88; B82Y30/00; B82Y40/00; C09K11/56; H01F1/33	Water-soluble fluorescent magnetic nano particles and preparation method thereof
CN102051612 A 20110511	CN20101577615 20101202	UNIV NORTHWESTERN POLYTECHNIC	C23C22/68; B82Y30/00; C23C22/82	Method for preparing super-hydrophobic lubricant coating on surface of light metal
CN102051634 A 20110511	CN20111028448 20110126	NW INST NON FERROUS METAL RES	C25B11/03; B82Y30/00; C25B11/06; C25B11/10	Titanium electrode material with porous titanium as substrate and preparation method of titanium electrode material
CN102051644 A 20110511	CN20101605797 20101227	JIAXING TIANQI NEW MATERIAL TECHNOLOGY CO LTD	C25D3/16; B82Y30/00; C25D15/00	Nano-structure Ni-base composite electroplating solution containing nano Si <sub>3</sub> N <sub>4</sub> particles and preparation method thereof
CN102051675 A 20110511	CN20101526050 20101028	UNIV SUN YAT SEN	C30B25/00; B82Y40/00; C30B29/16; C30B29/60	Method for manufacturing CuO nanowire
CN102053108 A 20110511	CN20101564643 20101130	UNIV SHANGHAI JIAOTONG	G01N27/00; B82Y40/00	Method for preparing hexafluorobisphenol A modified carbon nanotube gas-sensitive sensing material
CN102053180 A 20110511	CN20101563410 20101126	UNIV TIANJIN	G01R3/00; B82Y40/00	Method for reinforcing lateral rigidity of hanging nanotube device through electron beam induced metal deposition

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CN102053454 A 20110511	CN20101576893 20101207	BEIJING FUNATE CREATIVE SCIENCE AND TECHNOLOGY CO LTD	G03B9/08; B82Y30/00; C01B31/02	Shutter device and shutter blade
CN102053491 A 20110511	CN20101585229 20101213	UNIV SUZHOU	G03F7/00; B82Y40/00; G03F7/20	Ultra-deep subwavelength tunable nano photoetching structure and method based on surface plasma resonant cavity
CN102054527 A 20110511	US20040578236P 20040608; US20040632570P 20041130	NANOSYS INC [US]	G11C13/00; B31B15/02; B82B1/00; B82Y10/00; C09D1/00; H01G4/14	Post-deposition encapsulation of nanostructures: compositions, devices and systems incorporating same
CN102054973 A 20110511	CN20101548059 20101117	ANHUI NORMAL UNIVERSITY	H01M4/139; B82Y40/00; H01M4/36	Preparation method and application of multifunctional SnO <sub>2</sub> @C composite nanometer material
CN102054978 A 20110511	CN20101558826 20101125	UNIV TSINGHUA [CN]	H01M4/1397; B82Y40/00	Method for preparing cathode electrode material of nanometer sheet microspheric lithium ion cell
CN102060278 A 20110518	CN20101598841 20101221	CHINA TIANCHEN ENGINEERING CORP; TIANJIN TIANCHEN GREEN ENERGY ENGINEERING TECHNOLOGY R & D CO LTD	C01B19/04; B82Y40/00	Inorganic semiconductor cadmium selenide nanotube structure and preparation method thereof
CN102060280 A 20110518	CN20101550147 20101119	UNIV CHANGCHUN SCIENCE & TECH	C01B25/37; B82Y40/00	Chain-structured rare earth phosphate nano material and preparation method thereof
CN102060284 A 20110518	CN20101528675 20101029	UNIV SOUTH CHINA TECH	C01B31/02; B82Y40/00	Method for preparing nitrogen-phosphorus codoped multi-walled carbon nanotube

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CN102060285 A 20110518	CN20101528990 20101103	UNIV TIANJIN	C01B31/02; B82Y40/00	Method for preparing carbon nano-onion by chemical vapor deposition of Fe-Y catalyst on Cu carrier
CN102060286 A 20110518	CN20101541578 20101112	HARBIN INST OF TECHNOLOGY	C01B31/02; B82Y40/00	Energy consumption nano-fluid material and preparation method thereof
CN102060318 A 20110518	CN20101550182 20101119	UNIV CHANGCHUN SCIENCE & TECH	C01F17/00; B82Y40/00	Terbium (Tb) doped Y7O6F9 nanobelt and preparation method thereof
CN102060321 A 20110518	CN20101608247 20101227	UNIV BEIJING CHEMICAL	C01G19/02; B82Y40/00	Preparation method of tin dioxide self-assembly nanostructure microsphere
CN102060325 A 20110518	CN20101543929 20101112	BEIJING INST TECHNOLOGY	C01G23/00; B82Y30/00; B82Y40/00	Tetragonal-phase barium titanate nanorod array and preparation method thereof
CN102060330 A 20110518	CN20101556664 20101124	UNIV JIANGNAN	C01G39/00; B01J23/31; B01J35/02; B82Y40/00	Method for synthesizing bismuth molybdate octahedral nanoparticle by microwave radiation heating
CN102060333 A 20110518	CN20111040230 20110218	ZHONGSHAN TORCH POLYTECHNIC	C01G45/02; B82Y40/00	Method for preparing manganese oxide nano-material
CN102061164 A 20110518	CN20101553375 20101122	UNIV SOUTHEAST	C09K11/58; B82Y25/00; B82Y40/00; C09K11/02; C09K11/59	Nano structure for enhancing Raman and fluorescence signals and preparation method thereof
CN102061172 A 20110518	CN20101550215 20101119	UNIV CHANGCHUN SCIENCE & TECH	C09K11/86; B82Y30/00; B82Y40/00	Europium (Eu) ion doped Y7O6F9 nanobelt and preparation method thereof
CN102061521 A 20110518	CN20101598618 20101221	UNIV ZHEJIANG NORMAL	C30B29/16; B82Y30/00; B82Y40/00; C30B7/14	Er-Yb codoping ZnO nano crystal and preparation method thereof

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CN102062770 A 20110518	CN20101574142 20101203	UNIV XIAMEN	G01N33/00; B82Y15/00; B82Y40/00; G01N23/20	Ternary oxide air-sensitive material and synthesis method thereof
CN102063950 A 20110518	CN20101537041 20101109	UNIV BEIJING	H01B3/02; B82Y30/00; B82Y40/00; C25D5/18; C25D9/04; H01B19/00	Topological insulator material and preparation method thereof
CN102064102 A 20110518	US20040578236P 20040608; US20040632570P 20041130; US20050671134P 20050413	NANOSYS INC [US]	H01L21/28; G03F7/075; G11C13/00; H01L21/312; H01L21/469; H01L29/40	Methods and devices for forming nanostructure monolayers and devices including such monolayers
CN102064204 A 20110518	CN20101571961 20101203	SHANGHAI INST CERAMICS	H01L31/0216; B82Y30/00; H01L31/18	Broadband antireflection nano structure and preparation method thereof
CN102064311 A 20110518	CN20101579196 20101208	UNIV TSINGHUA [CN]; HONGFUJIN PREC IND SHENZHEN	H01M4/04; B82Y40/00; H01M4/38	Preparation method of carbon nanometer tube metal particle composite
CN102064315 A 20110518	CN20101596832 20101221	UNIV FUZHOU	H01M4/1391; B82Y40/00; H01M4/131	Method for preparing spinel lithium titanate nano piece and application of spinel lithium titanate nano piece in lithium battery
CN102064321 A 20110518	CN20101555305 20101123	UNIV ZHEJIANG	H01M4/38; B82Y30/00; B82Y40/00; H01M4/1393	Preparation method of composite material containing multi-walled carbon nanotubes and tin-cobalt alloy nanoparticles
CN102064325 A 20110518	KR20090111536 20091118	SAMSUNG SDI CO LTD [KR]	H01M4/62; B82Y30/00; H01M10/0525	Super-conductive nanoparticle, super-conductive nanoparticle powder, and lithium battery comprising powder



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CN102068991 A 20110525	CN20101571053 20101126	UNIV BEIJING CHEMICAL	B01J23/755; B82Y30/00; B82Y40/00; C07C209/36; C07C211/52	High dispersed loaded nano-metal Ni catalyst and preparation method thereof
CN102070129 A 20110525	CN20111021899 20110118	UNIV ZHEJIANG SCIENCE & TECH	C01B19/04; B82Y40/00	Method for preparing cadmium selenide nanometer wire
CN102070139 A 20110525	CN20101572419 20101129	UNIV NORTH CHINA ELEC POWER	C01B31/04; B82Y40/00	V-shaped flame burner and method for synthesizing carbon nanotube array
CN102070178 A 20110525	CN20111047695 20110228	UNIV SICHUAN	C01F17/00; B82Y40/00	Method for preparing yttrium oxide micro-nano-materials based on hydrothermal technology regulation and control
CN102070183 A 20110525	CN20111030548 20110127	UNIV NORTHWESTERN POLYTECHNIC	C01G9/02; B82Y40/00	Method for preparing three-dimensional multistage microstructural zinc oxide
CN102070184 A 20110525	CN20101568907 20101201	UNIV TONGJI	C01G15/00; B82Y40/00	Preparation method of CuInS <sub>2</sub> nanoparticles
CN102070186 A 20110525	CN20101554945 20101123	UNIV NANJING AERONAUTICS	C01G23/00; B82Y40/00	Preparation method of spinel type nano lithium titanate
CN102070192 A 20110525	CN20111020589 20110118	UNIV ZHEJIANG	C01G23/053; B82Y40/00	Method for preparing monodisperse spherical titanium dioxide nanocrystalline self-assembly superlattice material
CN102070196 A 20110525	CN20111021914 20110118	UNIV ZHEJIANG SCIENCE & TECH	C01G45/02; B82Y40/00	Method for preparing manganese dioxide nano rod at low temperature
CN102070208 A 20110525	CN20101573738 20101206	UNIV BEIJING SCIENCE & TECH	C01G53/04; B82Y40/00	Preparation method of nickel-cobalt hydroxide with controllable appearance

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CN102070782 A 20110525	US20090623000 20091120	GM GLOBAL TECH OPERATIONS INC; UKRAINIAN ACADEMY OF SCIENCES L V	C08G73/02; B82Y30/00; B82Y40/00; C08G61/12; C08G73/06; C08K3/22; C08L65/00; C08L79/02; C08L79/04; H01M4/1391; H01M4/62	Hybrid two- and three-component host-guest nanocomposites and method for manufacturing the same
CN102071018 A 20110525	CN20101604127 20101224	SUZHOU FANGSHENG PHOTOELECTRIC EQUIPMENT TECHNOLOGY CO LTD	C09K11/65; B82Y20/00; B82Y25/00; B82Y30/00; H01F1/10	Method for preparing magnetic fluorescent nanocomposite material
CN102071027 A 20110525	CN20111048942 20110301	UNIV JILIN	C09K11/85; B82Y20/00; B82Y30/00	Water-soluble rare-earth terbium ion-doped cerium fluoride nanocrystallines and preparation method thereof
CN102071453 A 20110525	CN20101586447 20101214	UNIV JILIN	C30B7/14; B82Y40/00; C30B29/48	Method for preparing high-quality aqueous phase semiconductor nanocrystals by one pot method at room temperature
CN102072927 A 20110525	CN20101540888 20101112	UNIV JILIN	G01N27/12; B82Y40/00	Preparation method for fast-response and wide-range ceramic-based nano-fiber humidity sensor
CN102072931 A 20110525	CN20101580009 20101209	UNIV EAST CHINA NORMAL	G01N27/48; B82Y15/00; B82Y40/00; C04B41/53	Method for preparing biosensor based on silicon nanowires and application of biosensor to detecting DNA
CN102073198 A 20110525	CN20101576895 20101207	BEIJING FUNATE CREATIVE SCIENCE AND TECHNOLOGY CO LTD	G03B17/56; B82Y30/00; C01B31/02	Spacer
CN102073199 A 20110525	CN20101576901 20101207	BEIJING FUNATE CREATIVE SCIENCE AND TECHNOLOGY CO LTD	G03B17/56; B82Y30/00; C01B31/02	Gasket

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CN102074577 A 20110525	CN20101506129 20101009	UNIV BEIJING	H01L29/78; B82Y10/00; B82Y40/00; H01L21/336; H01L29/08; H01L29/10	Vertical channel field effect transistor and preparation method thereof
CN102074683 A 20110525	CN20101581833 20101210	UNIV JIANGNAN	H01M4/1393; B82Y40/00	Porous carbon nanofiber anode material for lithium ion battery and preparation method thereof
CN102078659 A 20110601	CN20101589319 20101215	UNIV YANGZHOU	A61N2/08; B82Y5/00; B82Y25/00; B82Y40/00	Nanomagnetic beads of coupled fluorescein and preparation method thereof
CN102078965 A 20110601	CN20101582720 20101210	SHANGHAI INST CERAMICS	B22F9/20; B82Y40/00	Method for preparing WC-Co (tungsten carbide-cobalt) nano-powder
CN102079504 A 20110601	CN20101580155 20101207	UNIV TSINGHUA [CN]	B81C1/00; B82Y40/00	Method for manufacturing high-density silicon-based nano-holes
CN102079507 A 20110601	CN20101617897 20101231	UNIV TSINGHUA [CN]; HONGFUJIN PREC IND SHENZHEN	B82B3/00; B82Y40/00	Method for forming defects on surface of carbon nano pipe
CN102079513 A 20110601	CN20111045007 20110225	UNIV ANHUI	C01B19/04; B82Y40/00	Preparation method of non-integer ratio graphene selenium cobalt nano sheet
CN102079539 A 20110601	CN20101529994 20101029	UNIV SOUTH CHINA TECH	C01G9/02; B82Y40/00; H01M4/48	ZnO nano powder in sheet uniform porous structure as well as preparation method and applications thereof
CN102079540 A 20110601	CN20111030547 20110127	UNIV NORTHWESTERN POLYTECHNIC	C01G9/02; B82Y40/00	Preparation method of three-dimensional porous zinc oxide microstructure
CN102079541 A 20110601	CN20111058283 20110310	UNIV BEIJING SCIENCE & TECH	C01G9/08; B82Y40/00	Method for preparing doping type hexagonal system nano ZnS at low temperature

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CN102079543 A 20110601	CN20111045005 20110224	UNIV NORTHWESTERN POLYTECHNIC	C01G45/12; B82Y40/00	Preparation method of hexagonal manganese acid yttrium nanofiber
CN102079544 A 20110601	CN20111044619 20110224	UNIV NORTHWESTERN POLYTECHNIC	C01G49/06; B82Y40/00	Rapid synthesis method of ferric oxide nano powder
CN102080257 A 20110601	CN20101565053 20101130	WUXI NANLIGONG TECHNOLOGY DEV CO LTD	C30B25/18; B82Y40/00; C30B29/10; C30B29/40; C30B29/42	Method for preparing high-Mn (In, Mn) As nanodot
CN102082096 A 20110601	CN20101506130 20101009	UNIV BEIJING	H01L21/336; B82Y10/00; B82Y40/00	Method for preparing Ge or SiGe nanowire field effect transistor
CN102082159 A 20110601	CN20101522990 20101027	UNIV BEIJING	H01L27/15; B82Y40/00; B82Y99/00; H01L33/00	Nanoscale point light source based on graphene and preparation method thereof
CN102082228 A 20110601	CN20101507542 20101014	SHANGHAI INST MICROSYS & INF	H01L45/00; B82Y10/00; B82Y40/00; C23C14/34	Nano compound phase-change material and application thereof to phase-change storage
CN102082264 A 20110601	CN20101589649 20101215	GUANGXI TIAN TIAN SCIENCE AND TECHNOLOGY DEV CO LTD	H01M4/1397; B82Y40/00	Method for preparing presoma of active electrode material of nano-lithium ion battery and application thereof
CN102082270 A 20110601	CN20101573608 20101203	UNIV NANKAI	H01M4/505; B82Y25/00; B82Y40/00; C01G45/12; H01M4/1391	Manganese spinel nano material as well as preparation method and application of manganese spinel nano material
CN102084027 A 20110601	WO2009KR03279 20090618; KR20090051342 20090610	TORAY ADVANCED MAT KOREA INC	C23C16/18; H01L21/205	Surface treatment method for treating surface of substrate to be highly hydrophobic

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CN102086024 A 20110608	CN20101618787 20101231	SHANGHAI INTEGRATED CIRCUIT RES & DEV CT CO LTD	B82B3/00; B82Y40/00	Method for preparing silicon nanowire
CN102086025 A 20110608	CN20111003071 20110107	USTC UNIV SCIENCE TECH CN	B82B3/00; B82Y40/00	Preparation method of one- dimensional (1D) flexible nano-material assembly body
CN102086045 A 20110608	CN20101548151 20101117	UNIV BEIJING	C01G23/053; B01J21/06; B82Y40/00; C02F1/30	TiO <sub>2</sub> secondary nanorod array and preparation method and application thereof
CN102086304 A 20110608	CN20101594701 20101219	UNIV ELECTRONIC SCIENCE & TECH	C08L85/00; B82Y15/00; B82Y40/00; C08G79/00; C08K3/22; H01F1/42	Iron phthalocyanine prepolymer/Fe <sub>3</sub> O <sub>4</sub> nanometer hybrid magnetic material and preparation method thereof
CN102089392 A 20110608	WO2009JP50874 20090121; JP20080013671 20080124; JP20090008550 20090119	NIPPON CHEMICAL IND	C09C3/06; C09C1/02; C09C1/28; C09D5/16; C25D9/08	Powder coated with copper (i) oxide, and process for production thereof
CN102092675 A 20110615	CN20111008336 20110114	CHINESE ACAD PHYSICS INST	B81C1/00; B82Y40/00	Method for preparing self- masking uni-junction multiport three-dimensional nano structure
CN102092678 A 20110615	CN20101619477 20101231	UNIV SHANGHAI JIAOTONG	B82B3/00; B82Y40/00	Force modulation mode- based dip-pen nanolithography method
CN102092679 A 20110615	CN20111001114 20110106	UNIV SHANGHAI	B82B3/00; B82Y40/00	Method for manufacturing (0, 1, 2 and non-integer)- dimension germanium nanometer controllable structures

Número do Pedido	País e Nº da Prioridade	Nome(s) do(s) Depositantes	CIP	Título
CN102092680 A 20110615	CN20111005046 20110112	YANGZHOU LIANJIAN ELECTRONIC SYSTEM ENGINEERING CO LTD	B82B3/00; B82Y40/00	Preparation and post-treatment device of multi-parameter accurate and adjustable multi-system microwave assisted nano-material
CN102092690 A 20110615	CN20101572015 20101203	WUXI RUNPENG NEW COMPOSITE MATERIALS CO LTD	C01B19/04; B82Y40/00	Method for preparing tungsten diselenide nano sheets
CN102092691 A 20110615	CN20101548227 20101116	UNIV SOUTH CHINA NORMAL; TIANNENG BATTERY GROUP CO LTD	C01B21/06; B82Y40/00	Preparation method of vanadium nitride nanocrystal
CN102092774 A 20110615	CN20101609908 20101228	UNIV ELECTRONIC SCIENCE & TECH	C01G9/02; B82Y40/00	Preparation method of zinc oxide nano linear array
CN102092789 A 20110615	CN20111086686 20110407	UNIV QINGDAO SCIENCE & TECH	C01G45/00; B82Y40/00	Preparation method of beta-MnOOH hexagonal nanosheet
CN102092794 A 20110615	CN20101578527 20101208	UNIV ZHEJIANG	C01G49/06; B82Y40/00	Preparation method of nano iron oxide yellow or nano iron oxide red
CN102092795 A 20110615	CN20101584344 20101211	SHANGHAI NAT ENGINEERING RES CT FOR NANOTECHNOLOGY CO LTD	C01G49/08; B82Y40/00	Preparation method of ferroferric oxide multi-stage ball modified by organic polymer
CN102093207 A 20110615	CN20101588303 20101207	UNIV ZHEJIANG	C07C59/255; B82B3/00; B82Y30/00; C07C51/41	Amorphous Sb-doped zinc tartrate micro-nano spheres and preparation method thereof
CN102093586 A 20110615	CN20101598652 20101221	UNIV ZHEJIANG	C08J7/12; B29C39/14; B82Y40/00; C08L83/04; C25D11/04	Method for physical and chemical combined modification of surface of polydimethylsiloxane

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CN102096317 A 20110615	CN20101617795 20101222	INST OPTICS & ELECT CN ACAD	G03F7/00; B82Y40/00; G03F7/09	Method for preparing periodic nanostructure with high aspect ratio
CN102097268 A 20110615	CN20111009675 20110118	UNIV SHANGHAI JIAOTONG	H01J9/24; B82Y40/00; H01J17/30; H01J17/49	Method for preparing carbon nanotube secondary structure of PDP (Plasma Display Panel)
CN102097296 A 20110615	CN20101506128 20101009	UNIV BEIJING	H01L21/02; B82Y40/00; G03F7/00; G03F7/20; H01L21/3065	Preparation method of semiconductor nano circular ring
CN102101175 A 20110622	CN20101597233 20101221	UNIV JIANGNAN	B22F9/24; B82Y40/00; G01N27/30	Preparation method of gold nanotube material and application thereof
CN102101641 A 20110622	CN20101562861 20101126	UNIV TIANJIN	B82B3/00; B82Y40/00	Method for accessorially obtaining minitype cutter with high-accuracy cutting edge by utilizing film coating technology
CN102101642 A 20110622	CN20111030665 20110128	UNIV TSINGHUA [CN]	B82B3/00; B82Y40/00	Nano manufacturing system
CN102101653 A 20110622	CN20101609407 20101228	CHINESE ACAD INST CHEMISTRY	C01B19/00; B82Y30/00; B82Y40/00; C08K3/30; C08L65/00; H01L31/0328	Cu <sub>2</sub> ZnSnSe <sub>4</sub> nano material as well as preparation method and application of thereof
CN102101692 A 20110622	CN20101560881 20101126	UNIV XI AN TECHNOLOGY	C01G9/02; B82Y40/00	Chemical synthesis method of zinc oxide nano crystal based on alcohol-water system
CN102101693 A 20110622	CN20101611210 20101229	ANHUI UNIVERSITY OF SCIENCE AND TECHNOLOGY	C01G9/02; B01J23/06; B01J35/02; B82Y40/00; C09D1/00; C09D7/12	Preparation method and application of double-function micro-nano hierarchical structural zinc oxide power

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CN102101694 A 20110622	CN20111004794 20110111	UNIV SHANGHAI SCIENCE & TECH	C01G9/02; B82Y40/00	Ultrasound preparation method of nano zinc oxide particles
CN102101697 A 20110622	CN20111000380 20110104	UNIV SHANGHAI	C01G23/053; B01J21/06; B82Y40/00	Rapid preparation method of high-dispersible TiO <sub>2</sub> nano crystal sol
CN102107131 A 20110629	CN20111005027 20110112	YUANBIAO QIAO; ENTONG WANG; YUHUA WU	B01J13/02; B82Y40/00	Method for preparing bio-based zirconium salt nanoparticle material
CN102107861 A 20110629	CN20101583602 20101211	SHANGHAI NAT ENGINEERING RES CT FOR NANOTECHNOLOGY CO LTD	C01B25/32; B82Y40/00	Preparation method of spherical nano hydroxyapatite
CN102107868 A 20110629	CN20111048725 20110301	UNIV HARBIN ENG	C01B31/04; B82Y40/00	Method for preparing porous graphene material
CN102107899 A 20110629	CN20111004805 20110111	UNIV SHANGHAI SCIENCE & TECH	C01F7/42; B82Y40/00	Preparation method of lamellar gamma-phase nano aluminum oxide
CN102107904 A 20110629	CN20111058226 20110311	UNIV TONGJI	C01G11/02; B82Y40/00; C01G9/08	Method for preparing cadmium sulfide or zinc sulfide hollow nano diamonds by using non-template method
CN102107906 A 20110629	CN20101614437 20101230	UNIV TSINGHUA GRADUATE SCHOOL	C01G23/00; B82Y40/00; C01G23/053	Method for preparing lithium titanate material
CN102107908 A 20110629	CN20101602545 20101223	GUANGXI UNIVERSITY FOR NATIONNALITIES	C01G45/02; B82Y40/00	Method for researching in-situ growth process of spherical manganese dioxide nano structure
CN102107909 A 20110629	CN20111004482 20110111	SHANGHAI INST CERAMICS	C01G45/02; B82Y40/00; H01G9/042	Method for preparing mesoporous nano manganese dioxide



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CN102107910 A 20110629	CN20111071394 20110323	UNIV SHANGHAI SCIENCE & TECH	C01G49/00; B82Y40/00	Preparation method of nano magnesium ferrite
CN102110724 A 20110629	CN20101543469 20101112	UNIV BEIJING	H01L31/042; B82Y40/00; C23F1/12; H01L31/0216; H01L31/18	Solar cell having double-sided micro/nano composite structure and preparation method thereof
CN201864558U U 20110615	CN20102629604U 20101129	SHENYANG INST AUTOMATION	B81C1/00; B82B3/00; B82Y40/00	Photosensitive mixed polymer photoconductive film control chip based on poly-3-hexylthiophene (P3HT) and C60 derivate [6, 6]-phenyl-C61-butyric acid methyl ester
CN201864775U U 20110615	CN20102595963U 20101103	BEIJING LIANHE CHUANGMEI S & T DEV CO LTD	C23C16/448; B82Y40/00; C23C16/455; C23C16/52	Instrument for preparing nano materials with gas phase method
CO6260115 A2 20110322	US20070848972 20070831	MILLENNIUM INORGANIC CHEM [US]	B32B18/00	PHOTOCATALYTIC COATING
CZ302421 B6 20110511	CZ20090000640 20091001	VYSOKA SKOLA BANSKA TECHNICKA UNIVERZITA OSTRA VA [CZ]	A61C5/00; A61C8/00; A61K6/04; B82B3/00; B82Y5/00; B82Y40/00	Process for producing nanostructural titanium half-finished product for implants
DE102009019822 A1 20110303	DE200910019822 20090813	GRIMM ARNOLD [DE]	H01M4/1395; H01M10/052	Method for manufacturing and insertion of amorphous lithium nano-particle for insertion in high speed lithium batteries and accumulators, involves manufacturing multiple particle and welding particle with laser at conducting material

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DE102009029054 A1 20110303	DE200910029054 20090901	EVONIK DEGUSSA GMBH [DE]	B82B1/00; B82B3/00; C01B33/00; C08J3/09; H01L23/52; H01L29/786; H01L31/0352	New nanoscale silicon particles that are functionalized by covalently bonded organic groups, useful to produce or in electronic components e.g. a solar cell, sensor, thin film transistor and conducting path, and for producing dispersion
DE102009048669 A1 20110331	DE200910048669 20090930	SIEMENS AG [DE]	C25D5/06	Verfahren zum elektrochemischen Beschichten eines Substrates durch Brush Plating und Vorrichtung zur Durchführung dieses Verfahrens
DE102009049298 A1 20110414	DE200910049298 20091013	WIRTZ CHRISTIAN [DE]; WIRTZ MARKUS [DE]	B32B5/24; B29C44/18; B32B5/20; B32B27/02; B32B27/06; B32B27/12; B32B27/40	Neuartiger Werkstoff für Leichtbauelemente
DE102009056052 A1 20110601	DE200910056052 20091126	UNIV BERLIN HUMBOLDT [DE]	B81B1/00; B32B5/00; B81C1/00; B82B1/00; B82B3/00; H01G9/022; H01G9/07	Anordnung mit einem Träger und einer Schicht
DE102009056530 A1 20110609	DE200910056530 20091204	UNIV KIEL CHRISTIAN ALBRECHTS [DE]	B82B1/00; B82B3/00	Nanodrahtstruktur mit freiliegenden, regelmässig angeordneten Nanodrahtenden und Verfahren zur Herstellung einer solchen Struktur

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DE102010040447 A1 20110331	EP20090171178 20090924	BASF SE [DE]	B05D7/24	Method for manufacturing anionic polyelectrolyte layer utilized on fixed substrate i.e. hyper pure silicon-wafer, involves providing energy in aqueous solution of polyelectrolyte at surface of substrate to separate polyelectrolyte in layer
DE112009001152 A5 20110630	EP20080156675 20080521; WO2009EP56209 20090522	GRILLO ZINKOXID GMBH [DE]	C01G9/02; C01G9/03; C07F3/06	METHOD FOR THE MANUFACTURE OF ALKALI METAL DOPED NANO-SCALE ZINC OXIDE HAVING A VARIABLE DOPING CONTENT
DE112009001942T T5 20110616	JP20080207524 20080811; WO2009JP63962 20090806	OSAKA MUNICIPAL TECHNICAL RES [JP]	B22F9/30; B22F1/00; C01G3/02; C07F1/08; H01B5/00; H01B13/00	COPPER-CONTAINING NANOPARTICLES AND MANUFACTURING METHOD THEREFOR
DE202011003479U U1 20110519	DE201010012044 20100319; DE201120003479U 20110303	UNIV SCHILLER JENA [DE]; FRAUNHOFER GES FORSCHUNG [DE]	H01L31/0236; H01L31/04; H01L31/10	Strukturierte Siliziumschicht für ein optoelektronisches Bauelement und optoelektronisches Bauelement
DK1681337T T3 20110307	EP20050075068 20050114	NESTE OIL OYJ [FI]	C10G3/00	Method for the manufacture of hydrocarbons
DK1888455T T3 20110110	GB20050009213 20050504; WO2006GB01570 20060428	SURFACE INNOVATIONS LTD [GB]	B82B3/00; G03F1/00; G03F7/00; G03F7/20	AN ARTICLE, AND A METHOD FOR CREATING THE ARTICLE, WITH A CHEMICALLY PATTERNED SURFACE
DK2007513T T3 20110110	GB20060005752 20060323; WO2007GB50138 20070321	UNIV LINCOLN [GB]	B01J13/00; B22F1/00; B22F9/24; C22B11/00	Fremstilling af stabile s-lvkolloider

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EP2268404 A1 20110105	WO2009EP54884 20090423; FR20080052766 20080424	COMMISSARIAT ENERGIE ATOMIQUE [FR]	B01L3/00; B81C1/00	PROCESS FOR MANUFACTURING RECONFIGURABLE MICROCHANNELS
EP2268435 A1 20110105	WO2009IB05401 20090428; IN2008MU00936 20080428	TATA CHEMICALS LTD [IN]	B22F9/24	A PROCESS FOR THE PREPARATION OF SILVER NANO PARTICLES
EP2268577 A2 20110105	WO2009EP53734 20090330; DE200810001433 20080428	EVONIK DEGUSSA GMBH [DE]	C01C1/24; C01C1/28; C01C3/12; H01F1/00	HYDROPHOBIZED SILICON- IRON MIXED OXIDE
EP2268579 A2 20110105	WO2009IN00021 20090107; IN2008MU00480 20080310; IN2008MU02655 20081222	TATA CHEMICALS LTD [IN]	C01G9/00; C01C1/04; C01G9/02; C03C17/25	A PROCESS FOR THE PREPARATION OF NANO ZINC OXIDE PARTICLES
EP2268581 A2 20110105	WO2009GB00797 20090325; GB20080005509 20080325	NANOTECH LTD [GB]	C01G45/02; H01M4/50	MESOPOROUS MANGANESE DIOXIDE
EP2268725 A1 20110105	WO2009EP02217 20090326; DE200810021006 20080425	BYK CHEMIE GMBH [DE]	C08K3/00; C09C1/00	PARTICULATE WAX COMPOSITES AND METHOD FOR THE PRODUCTION THEREOF AND THE USE THEREOF
EP2268733 A2 20110105	WO2009US40906 20090417; US20080047047P 20080422	POLYONE CORP [US]	C08L53/00; B82Y30/00; C01B33/44; C08J3/20; C08J3/22; C08J5/00; C08J5/10; C08K3/00; C08K3/34; C08K5/00; C08K9/08; C08L77/00	THERMOPLASTIC ELASTOMERS EXHIBITING SUPERIOR BARRIER PROPERTIES
EP2268736 A1 20110105	WO2009US37461 20090318; US20080037758P 20080319	DU PONT [US]	C08L65/00; C08L25/18; C08L27/12; H01B1/12; H01L51/50; H01L51/52	ELECTRICALLY CONDUCTIVE POLYMER COMPOSITIONS AND FILMS MADE THEREFROM

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EP2268738 A1 20110105	WO2009EP02663 20090409; DE200810020135 20080422	BAYER MATERIALSCIENCE AG [DE]	C08L67/00	REACTION RESIN BASED ON AN UNSATURATED POLYESTER, VINYL COMPOUNDS AND HYDROCARBON NANOTUBES THAT CAN BE CURED RADICALLY
EP2268860 A2 20110105	WO2009FR00238 20090306; FR20080001232 20080306	CENTRE NAT RECH SCIENT [FR]; UNIV STRASBOURG [FR]	D06M11/44; A41D31/00; A62B17/00; A62D3/00; A62D3/176; A62D5/00; D01D5/00; D01F9/12; D01F11/16; D06M11/46; D06M11/48; D06M11/53; D06M11/77	TEXTILE FIBRES HAVING PHOTOCATALYTIC PROPERTIES FOR DEGRADING CHEMICAL OR BIOLOGICAL AGENTS, METHOD FOR PREPARING SAME AND USE THEREOF IN PHOTOCATALYSIS
EP2268863 A1 20110105	WO2009FI50187 20090309; FI20080005213 20080307	FP PIGMENTS OY [FI]	D21H17/67; C01F11/18; C09C1/02; C09C1/36; D21H19/38	A PIGMENT PARTICLE COMPOSITION, ITS METHOD OF MANUFACTURE AND ITS USE
EP2269948 A1 20110105	WO2008JP53635 20080229	FUJITSU LTD [JP]	B82B1/00; C01B31/02; H01L21/3205; H01L23/52	SHEET STRUCTURE, SEMICONDUCTOR DEVICE AND METHOD OF GROWING CARBON STRUCTURE
EP2270261 A2 20110105	EP20050788718 20050920; US20040013456 20041217	INTEGRAN TECHNOLOGIES INC [CA]	C25D7/00; A63B53/12; B22F5/00; B22F7/02; B32B15/08; B32B33/00; C25D1/00; C25D15/00; F42B12/72	Strong, lightweight article containing a fine-grained metallic layer

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EP2270903 A1 20110105	WO2009JP57853 20090420; JP20080115982 20080425	SUMITOMO OSAKA CEMENT CO LTD [JP]	H01M4/58; H01M4/36	METHOD FOR PRODUCTION OF CATHODE ACTIVE MATERIAL FOR LITHIUM ION BATTERY, CATHODE ACTIVE MATERIAL FOR LITHIUM ION BATTERY PRODUCED BY THE METHOD, ELECTRODE FOR LITHIUM ION BATTERY, AND LITHIUM ION BATTERY
EP2271468 A1 20110112	WO2009US41914 20090428; US20080112723 20080430	FINA TECHNOLOGY [US]	B29B7/30	COMPOSITES COMPRISING A POLYMER AND A LAYERED COMPOUND AND METHODS OF PREPARING AND USING SAME
EP2271586 A1 20110112	WO2009US39737 20090407; US20080043514P 20080409	RIEHL JOHNSON HOLDINGS LLC [US]	C01B31/20; D01F9/12	METHOD FOR PRODUCTION OF CARBON NANOSTRUCTURES
EP2271702 A2 20110112	WO2009JP57413 20090406; JP20080119361 20080430; JP20090046410 20090227	DOW CORNING TORAY CO LTD [JP]	C08J3/14; C08J3/07; C08L83/00; C08L83/04	SILICON-CONTAINING PARTICLES, METHOD FOR MANUFACTURING THEREOF, OIL COMPOSITION, CERAMIC MATERIAL, AND METHOD FOR MANUFACTURING THEREOF
EP2271706 A1 20110112	WO2009IB51009 20090311; IT2008TO00191 20080313	ALENIA AERONAUTICA SPA [IT]	C08K7/24; C08J5/00; C08K3/04; C08L63/02	EPOXY RESIN BASED COMPOSITION AND METHOD FOR THE CURING THEREOF

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EP2271707 A1 20110112	WO2009AU00464 20090415; AU20080901854 20080415; AU20090900754 20090219	UNIV QUEENSLAND [AU]	C08K9/04; C08J3/215; C08L75/04	POLYMER COMPOSITES HAVING PARTICLES WITH MIXED ORGANIC MODIFICATIONS
EP2272983 A1 20110112	EP20060720226 20060201; US20050649294P 20050201; US20050656599P 20050225; US20050673749P 20050421; US20050699541P 20050715; US20050722526P 20050930	ADVANCED GENETIC ANALYSIS CORP AB [US]	C12Q1/68	Reagents, methods and libraries for bead-based sequencing
EP2273270 A1 20110112	EP19990968261 19990827; DE19981039254 19980828; DE19981039255 19980828; DE19981039256 19980828; DE19991007080 19990219; DE19991024327 19990527	FEBIT HOLDING GMBH [DE]	G01J3/51; G01N33/551; B01J19/00; B01L3/00; C07H21/00; C07K1/04; C12M1/00; C12N15/09; C12N15/10; C12P19/34; C12Q1/68; G01N21/25; G01N21/64; G01N21/78; G01N33/483; G01N33/53; G01N33/532; G01N33/543; G01N33/566; G01N37/00; G03F7/20	Method and apparatus for the preparation and/or analysis of biochemical carriers
EP2273596 A2 20110112	EP20040821605 20041104; US20030517626P 20031105; US20040931147 20040831	UNIV ST LOUIS [US]	H01M8/16; C12Q1/00; H01M4/86; H01M4/90	Immobilized enzymes in biocathodes
EP2274090 A1 20110119	WO2009US30016 20090102; US20080018774P 20080103	LOCKHEED CORP [US]	G01N33/543; B01J19/00; B82Y30/00; G03F7/00	NANO-GETTER DEVICE
EP2274123 A2 20110119	WO2009EP53114 20090317; EP20080152996 20080319; EP20090722099 20090317	BASF SE [DE]	B22F9/24; C01G3/00; C01G5/00; C01G7/00; C01G9/00; C01G29/00; C01G55/00; C09C1/62	METALLIC NANOPARTICLES STABILISED WITH DERIVATISED POLYETHYLENIMINES OR POLYVINYLAMINES

Número do Pedido	País e Nº da Prioridade	Nome(s) do(s) Depositantes	CIP	Título
EP2274240 A2 20110119	WO2009US40597 20090415; US20080111361 20080429	BAKER HUGHES INC [US]	C02F1/28; B01D24/10; B01J20/04	WASTEWATER PURIFICATION WITH NANOPARTICLE-TREATED BED
EP2274383 A2 20110119	WO2009US38367 20090326; US20080040338P 20080328	3M INNOVATIVE PROPERTIES CO [US]	C09C3/00; B82B3/00	PROCESS FOR THE SURFACE MODIFICATION OF PARTICLES
EP2275487 A2 20110119	EP20050748178 20050510; FR20040005120 20040511	ARKEMA FRANCE [FR]; CENTRE NAT RECH SCIENT [FR]	C08L33/08; C08F220/06; C08F220/18; C08F293/00; C08J5/00; C08K3/04; C08K7/24; C08L53/00; C09D5/24; C09D5/26; C09D7/12	Composite materials based on carbon nanotubes and polymer matrices and processes for obtaining same
EP2276868 A2 20110126	WO2009IL00404 20090407; US20080045069P 20080415	YEDA RES & DEV [IL]	C23C14/18; B32B5/16; C23C14/58; G01N21/55	LOCALIZED PLASMON TRANSDUCERS AND METHODS OF FABRICATION THEREOF
EP2276876 A1 20110126	WO2009EP02028 20090319; DE200810015902 20080327	BAYER TECHNOLOGY SERVICES GMBH [DE]	C25B1/26; C25B11/06	METHOD FOR THE ELECTROLYTIC REDUCTION OF OXYGEN
EP2277045 A2 20110126	WO2009US40552 20090414; US20080141082P 20081229; US20080044573P 20080414	BANDGAP ENGINEERING INC [US]	G01N33/53	PROCESS FOR FABRICATING NANOWIRE ARRAYS
EP2277435 A1 20110126	EP20010271138 20011219; JP20000387811 20001220; JP20000387812 20001220; US20010267176P 20010208; US20010267179P 20010208	SHOWA DENKO KK [JP]	A61B1/00; C08J5/18; C01B31/02; C08K7/06; C08K7/24; C08L101/00; C09D5/24; D01F9/127; H01B1/04; H01B1/24	Branched vapor grown carbon fiber, electrically conductive transparent composition and use thereof
EP2277830 A1 20110126	WO2009JP01160 20090316; JP20080067721 20080317	OTSUKA CHEMICAL HOLDINGS CO LTD [JP]	C01B31/02	METHOD FOR MANUFACTURING CARBON NANOTUBE



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EP2278301 A1 20110126	EP20050801542 20051104; GB20040024458 20041104; GB20050001342 20050121; GB20050008964 20050503	RENISHAW DIAGNOSTICS LTD [GB]	G01N21/55; G01N21/65	Metal nano-void photonic crystal for enhanced raman spectroscopy
EP2278338 A2 20110126	EP20030783044 20030509; US20020379927P 20020509; US20020394544P 20020708	UNIV CHICAGO [US]	G01N35/08; C30B1/00; G01N1/00; G01N31/00; G01N33/577	Device and method for pressure-driven plug transport and reaction
EP2278363 A2 20110126	EP20050789350 20050606; US20040870366 20040617; US20040938006 20040910; US20040939184 20040910; US20050078145 20050311	3M INNOVATIVE PROPERTIES CO [US]	G02B5/12; G02B5/04; G02B6/00	Polymerizable compositions comprising nanoparticles
EP2279054 A2 20110202	WO2009IE00016 20090408; US20080071392P 20080425; IE20080000326 20080425; US20080136809P 20081006	NAT UNIV IRELAND [IE]	B22F1/00; C09D11/00; H01L31/02; H01L31/0224; H01M4/88; H01M8/00	AN INK COMPRISING NANOSTRUCTURES
EP2279226 A1 20110202	WO2009EP02875 20090420; EP20080007625 20080418; EP20090732109 20090420	NANORESINS AG [DE]	C09C1/30; C08K9/06	SURFACE MODIFIED SILICON DIOXIDE PARTICLES
EP2279852 A1 20110202	EP20090166862 20090730	ROLLS ROYCE CORP [US]	B29C70/88; F01D5/28; F01D25/00; H01B1/24	Gas turbine engine and method including composite structures with embedded integral electrically conductive paths
EP2280053 A1 20110202	WO2009JP56060 20090326; JP20080088945 20080329	NAT UNIVERSITY CORP NARA INST OF SCIENCE AND TECHNOLOGY [JP]; JAPAN SCIENCE & TECH AGENCY [JP]	C09K11/08; C07K14/47; C09D5/22; C09D7/12; C09D201/00; C09K11/56; G02F1/01; H01L29/06	CIRCULARLY POLARIZED LIGHT-EMITTING NANOPARTICLE

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EP2280268 A1 20110202	EP19960911269 19960306; US19950402076 19950310; US19950402277 19950310	MESO SCALE TECHNOLOGIES LLC [US]	G01N21/76; C12M1/00; C12Q1/68; G01N21/66; G01N21/78; G01N33/543; G01N33/548; G01N33/566; G01N33/58; G01N37/00	Multi-array, multi-specific electrochemiluminescence testing
EP2281299 A1 20110209	WO2009US35861 20090303; US20080052956 20080321	MICRON TECHNOLOGY INC [US]	H01L21/033; B81C1/00	THERMAL ANNEAL OF A BLOCK COPOLYMER FILMS WITH TOP INTERFACE CONSTRAINED TO WET BOTH BLOCKS WITH EQUAL PREFERENCE
EP2281646 A1 20110209	EP20090164472 20090702	TNO [NL]	B22F1/00; B22F9/24; C22B5/00	Method and kit for manufacturing metal nanoparticles and metal- containing nanostructured composite materials
EP2281778 A1 20110209	WO2009JP59298 20090514; JP20080129044 20080516	CANON KK [JP]	C01B13/14; C01B33/18; C01G23/04; G03G9/08	HYDROPHOBIC INORGANIC FINE PARTICLE AND TONER
EP2281779 A2 20110209	KR20090072116 20090805	SAMSUNG ELECTRONICS CO LTD [KR]	C01B31/02; H01J1/304	Graphene base and method of preparing the same
EP2282827 A2 20110216	WO2009FR00531 20090505; FR20080002523 20080506	COMMISSARIAT ENERGIE ATOMIQUE [FR]	B01D67/00; G01N27/44	DEVICE FOR SEPARATING BIOMOLECULES FROM A LIQUID
EP2283055 A1 20110216	WO2009EP03192 20090505; EP20080009064 20080516; EP20090745515 20090505	BAYER MATERIALSCIENCE AG [DE]	C08G18/28; C08G18/38	STABLE POLYISOCYANATES COMPRISING NANOPARTICLES

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EP2284296 A1 20110216	EP20040255157 20040826; KR20030063229 20030909	SAMSUNG ELECTRONICS CO LTD [KR]	B82B1/00; C30B7/00; B82B3/00; C09C1/10; C09C1/12; C09C1/38; C09K11/00; C09K11/08; C09K11/56; C09K11/62; C09K11/70; C09K11/74; C09K11/88; C09K11/89; C30B33/00; H01L29/06; H01L29/201; H01L29/221; H01L33/00; H05B33/14	The improvement of the luminescent efficiency of semiconductor nanocrystals by surface treatment
EP2284536 A2 20110216	EP19970945249 19970917; US19960715163 19960917	MESO SCALE TECHNOLOGIES LLC [US]	G01N33/536; G01N33/543; C12M1/00; C12Q1/00; G01N21/00; G01N21/76; G01N27/30; G01N27/327; G01N27/416; G01N33/53; G01N33/533; G01N33/566; G01N33/58	Multi-array, multi-specific electrochemiluminescence testing
EP2284539 A1 20110216	EP20060845757 20061219; US20050751492P 20051219; US20060416789 20060502; US20060416624 20060502; US20060417000 20060502; US20060417005 20060502; US20060416997 20060502; US20060416998 20060502	BIOSCALE INC [US]	G01N33/543	Method and apparatus for analyzing bioprocess fluids
EP2285479 A2 20110223	WO2009IB52205 20090526; PT20080104085 20080527	INNOVNANO MATERIAIS AVANCADOS S A [PT]	B01J3/08	NANOMETRIC-SIZED CERAMIC MATERIALS, PROCESS FOR THEIR SYNTHESIS AND USES THEREOF
EP2285500 A2 20110223	WO2009EP03318 20090511; EP20080008740 20080509; EP20090741904 20090511	AMF GMBH [DE]	B05D1/18	SELF-ASSEMBLED MONOLAYERS AND METHOD OF PRODUCTION

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EP2285874 A1 20110223	WO2009EP56165 20090520; DE200810001946 20080523	RHEIN CHEMIE RHEINAU GMBH [DE]; LANXESS DEUTSCHLAND GMBH [DE]; BAYER MATERIALSCIENCE AG [DE]	C08J5/00; C08K7/24	CARBON NANOTUBES AND ORGANIC MEDIA CONTAINING MICROGELS
EP2285889 A1 20110223	WO2008US07372 20080612; US20080137121 20080611	UNIV MICHIGAN OFFICE OF TECHNOLOGY TRANSFER [US]	C08K9/04; B05B5/00; C08J3/00; C08J3/12; C08J3/20; C08J3/205; C08K3/34; C09D11/00; C09D11/02; D01D5/00; D01D5/32; D01D5/34; D01F1/06	MULTIPHASIC NANO- COMPONENTS COMPRISING COLORANTS
EP2285911 A1 20110223	WO2009EP56585 20090528; DE200810026268 20080602	SACHTLEBEN CHEMIE GMBH [DE]	C09C1/02; C01F11/46; C08K3/30	PROCESS FOR THE PRODUCTION OF A STORAGE-STABLE BARIUM SULPHATE HAVING GOOD DISPERSIBILITY
EP2286000 A1 20110223	WO2009IB51995 20090514; IT2008TO00358 20080514	CONSIGLIO NAZIONALE RICERCHE [IT]	C23C14/04	METHOD AND SYSTEM FOR MANUFACTURING NANOSTRUCTURES
EP2286234 A1 20110223	WO2009KR02399 20090507; KR20080042374 20080507; KR20090039472 20090506	SEOUL NAT UNIV IND FOUNDATION [KR]	G01N33/58; G01N21/65; G01N33/543	NOVEL AU / AG CORE- SHELL COMPOSITE USEFUL FOR BIOSENSOR

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EP2287237 A1 20110223	EP20050253157 20050523; JP20040153428 20040524	NISSIN KOGYO KK [JP]	B22D19/00; C08J5/04; B22D19/14; C08J5/00; C08K3/04; C08K3/08; C08K7/06; C08K7/24; C08L101/00; C22C47/00; C22C47/02; C22C47/08; C22C49/14	Carbon fiber composite material and method of producing the same, carbon fiber-metal composite material and method of producing the same, and carbon fiber-nonmetal composite material and method of producing the same
EP2287373 A1 20110223	EP20030775926 20031127; JP20030030096 20030206	MITSUBISHI HEAVY IND LTD [JP]	D01F9/127; C01B31/02; D01F9/133	Producing method of carbon nanofibers
EP2287939 A1 20110223	WO2008JP59349 20080521	PIONEER CORP [JP]	H01L51/50; H05B33/22	ORGANIC ELECTROLUMINESCENT ELEMENT
EP2287944 A1 20110223	WO2009CN72394 20090623; CN20091143905 20090602	XU RUISONG [CN]	H01M4/36	NANOMETER-LEVEL POSITIVE ELECTRODE MATERIAL FOR LITHIUM BATTERY AND METHOD FOR MAKING THE SAME
EP2288449 A1 20110302	WO2009US02876 20090508; US20080127109P 20080509	RHODIA OPERATIONS [FR]; CENTRE NAT RECH SCIENT [FR]	B05D3/02; C01F17/00; C09C3/08	HYBRID NANOSCALE PARTICLES
EP2288500 A1 20110302	WO2009EP55209 20090429; DE200810022341 20080430	BOREALIS AGROLINZ MELAMINE GMBH [AT]	B32B21/06; B32B27/04; B32B29/02; B32B29/06; C09D7/12; C09D161/28; D21H19/26	LAMINATE AND METHOD FOR THE PRODUCTION THEREOF
EP2288577 A1 20110302	WO2009EP56724 20090602; EP20080157495 20080603; EP20090757507 20090602	BASF SE [DE]	C01G23/053; C08K3/22; C09C1/36; C09D5/02	TITANIUM DIOXIDE COMPOSITION COMPRISING TITANIUM DIOXIDE NANOPARTICLES, AND PREPARATION AND USE THEREOF

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EP2288908 A2 20110302	WO2009US46157 20090603; US20080058525P 20080603	UNIV WASHINGTON [US]	G01N27/12; G01N27/04; G01N33/22	DETECTION OF TRACE CHEMICALS AND METHOD THEREFOR
EP2289847 A1 20110302	EP20050752154 20050614; SE20040001524 20040615	PROMIMIC AB [SE]	C01B25/32	Method of producing a powder
EP2289848 A2 20110302	EP20040714163 20040224; US20030373425 20030224	UNIV WASHINGTON [US]	C01B31/02; A61K31/194; C07C49/553; C07C61/39; C07C69/00; C07C69/753	Therapeutic malonic acid/acetic acid C60 tri- adducts of Buckminsterfullerene and methods related to thereto
EP2290123 A1 20110302	EP20090169114 20090901	UNIV DES SAARLANDES WISSENS UND TECHNOLOGIETRANSFER GMBH [DE]	C23C16/30; C23C16/34; C23C16/56; C30B25/02; C30B25/18; C30B33/00; C30B33/12	Processes for producing thin metal nitride layers, inter alia making use of a selective decomposition of alcoholates, processes for hardening a surface, for obtaining thin oxygen compound layers, articles comprising said layers and uses thereof, and a pro
EP2290137 A1 20110302	EP20090011058 20090828	MAX PLANCK GESELLSCHAFT [DE]	C30B29/60; B22F9/02; C04B20/00	Method for the synthesis of metallic nanotubes and nanotubes synthesized by the method
EP2290139 A1 20110302	EP20070869060 20071207; US20070619327 20070103	APPLIED NANOSTRUCTURED SOLUTIONS LLC [US]	D01F9/127; D01F9/12; D01F11/12	CNT-infused fiber and fiber tow
EP2290459 A1 20110302	US20090550594 20090831	XEROX CORP [US]	G03G15/00	Carbon nanotube containing intermediate transfer members

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EP2291324 A1 20110309	WO2008KR05712 20080926; KR20080049464 20080528	BIONEER CORP [KR]	B82B3/00	NANOCOMPOSITES CONSISTING OF CARBON NANOTUBE AND METAL AND A PROCESS FOR PREPARING THE SAME
EP2291414 A1 20110309	WO2009US47150 20090612; US20080060887P 20080612	3M INNOVATIVE PROPERTIES CO [US]	C08F2/44	METHODS OF COMPOUNDING NANOPARTICLES WITH A RESIN
EP2291454 A1 20110309	WO2009US43048 20090506; US20080116568 20080507	SABIC INNOVATIVE PLASTICS IP [NL]	C08L67/02; C08L69/00	POLYMER COMPOSITIONS, METHOD OF MANUFACTURE, AND ARTICLES FORMED THEREFROM
EP2291540 A1 20110309	WO2010EP50820 20100126; WO2009EP00465 20090126; EP20100705985 20100126	TETHIS S R L [IT]	C12Q1/68; B01J19/00; B01L3/00; G01N33/543; G01N33/551	FUNCTIONALIZED MICROFLUIDIC DEVICE FOR IMMUNOFLUORESCENCE
EP2291861 A1 20110309	WO2009EP57864 20090624; DE200810029782 20080625	SIEMENS AG [DE]	H01L27/30	PHOTODETECTOR AND METHOD FOR THE PRODUCTION THEREOF
EP2292558 A1 20110309	WO2009JP61218 20090619; JP20080162212 20080620; JP20080162243 20080620	OSAKA GAS CO LTD [JP]	C01B31/02; H01L31/04; H01M14/00	TITANIUM OXIDE COATED CARBON FIBER AND POROUS TITANIUM OXIDE COATED CARBON MATERIAL COMPOSITION
EP2292718 A2 20110309	EP20050256775 20051102; KR20040091894 20041111; KR20050079284 20050829	SAMSUNG ELECTRONICS CO LTD [KR]	C09K11/56; H01L33/28; H01L51/50; H05B33/14	Interfused nanocrystals and method of preparing the same

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EP2292727 A1 20110309	WO2009JP60808 20090608; JP20080162667 20080623	HITACHI HIGH TECH CORP [JP]	C12M1/00; C12Q1/68; G01N21/78; G01N37/00	SINGLE MOLECULE REAL TIME SEQUENCER, NUCLEIC ACID ANALYZER AND SINGLE MOLECULE REAL TIME SEQUENCING METHOD
EP2294014 A2 20110316	WO2009EP54847 20090422; TR20080003064 20080502	ARCELIK AS [TR]; DYO BOYA FABRIKALARI SANAYI VE TICARET ANONIM SIRKETI [TR]	C01G23/047; B01J35/00; C09C1/36	A PHOTOCATALYTIC NANOCOMPOSITE MATERIAL
EP2294125 A2 20110316	WO2009FR51112 20090612; FR20080053952 20080613	ROQUETTE FRERES [FR]	C08L3/00; B82B3/00; C08J5/00; C08K3/26; C08K3/36; C08K5/053; C08K5/29; C08L3/02; C08L23/12; C08L35/06; C08L51/06; C08L75/04; C09J103/02	STARCH-CONTAINING THERMOPLASTIC OR ELASTOMER COMPOSITIONS, AND METHOD FOR PREPARING SUCH COMPOSITIONS
EP2295376 A2 20110316	EP20020806481 20021219; US20010032207 20011221; US20010036332 20011224	BATTELLE MEMORIAL INSTITUTE [US]	C01B31/02; B01J19/00; B01J20/20; B01J20/32; B01J21/18; B01J23/86; B01J23/889; B01J31/06; B01J35/04; B01J35/10; B01J37/02; C04B41/52; C04B41/89; C07C1/04; C10G2/00; C23C8/02; C23C8/80; C23C26/00; C23C28/00; F28F21/02	Carbon nanotube-containing structures, methods of making, and processes using same
EP2296431 A1 20110316	DE200910029464 20090915	BSH BOSCH SIEMENS HAUSGERAETE [DE]	H05B3/22; H05B3/68	Cooking chamber device with CNT heating element
EP2297356 A1 20110323	WO2009US46843 20090610; GB20080011002 20080616	PLC DIAGNOSTICS INC [US]	C12Q1/68	SYSTEM AND METHOD FOR NUCLEIC ACIDS SEQUENCING BY PHASED SYNTHESIS



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EP2297384 A1 20110323	WO2009EP55231 20090429; FR20080052977 20080505	COMMISSARIAT ENERGIE ATOMIQUE [FR]	C30B29/60; B82B1/00; C09K11/08; C30B7/00	METHOD OF PREPARING LUMINESCENT NANOCRYSTALS
EP2298693 A1 20110323	FR20090056426 20090918	COMMISSARIAT ENERGIE ATOMIQUE [FR]	B81B5/00; B82Y15/00; B82Y30/00	Process for forming an electromechanical component for a micro- or nano-system having a rod which forms the rotation axis of the component, the rod being covered with graphene
EP2298694 A1 20110323	WO2009JP60193 20090603; JP20080145490 20080603	ASAHI GLASS CO LTD [JP]	C01B13/14; C01B33/18; C01G9/08; C01G19/00; C01G23/047; C09D7/12; C09D201/00	METHOD FOR PRODUCING CORE-SHELL PARTICLE, CORE-SHELL PARTICLE, METHOD FOR PRODUCING HOLLOW PARTICLE, PAINT COMPOSITION AND ARTICLE
EP2298699 A1 20110323	WO2009JP62889 20090716; JP20080185270 20080716	HODOGAYA CHEMICAL CO LTD [JP]	C01B31/02; C08J5/04; C08J5/10; C22C49/14; D01F9/127	MASS OF CARBON FIBERS, PROCESS FOR PRODUCING SAME, AND COMPOSITE MATERIAL CONTAINING THESE
EP2298849 A1 20110323	EP20090007220 20090529	SONY CORP [JP]	C09K11/02; C09K11/06; F21K2/00; H01L51/44; H01S3/16	Polymeric nanoparticles comprising a medium for photon up-conversion
EP2299482 A2 20110323	EP20040794293 20041006; US20030508272P 20031006	MASSACHUSETTS INST TECHNOLOGY [US]	H01L21/336; G11C13/02; G11C16/04; H01L29/423; H01L29/80	Non-volatile memory device
EP2300219 A1 20110330	WO2009FI50492 20090610; FI20080005570 20080610	EAGLE TUULIVOIMA OY [FI]	B29C70/46; C08J5/00	A METHOD TO PRODUCE ENGINEERED COMPOSITE ARTICLES COMPRISING EPOXY AND CARBON NANO TUBES

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EP2300517 A1 20110330	WO2009EP59247 20090717; US20080081554P 20080717	NANOCYL S A [BE]; UNIV LEUVEN KATH [BE]	C08J5/06; C08J5/10; C08J5/24; C09D171/10; D06M11/74; D06M13/513; D06M15/53; D06M15/643	METHOD FOR THE PREPARATION OF A REINFORCED THERMOSET POLYMER COMPOSITE
EP2300541 A1 20110330	WO2009EP57130 20090610; EP20080158889 20080624; EP20090769124 20090610	BASF SE [DE]	C09C1/00; C09C1/46	PIGMENT MIXTURES
EP2300799 A2 20110330	WO2009US45841 20090601; US20080131205P 20080605	VENTANA MED SYST INC [US]	G01N1/30	COMPOSITIONS COMPRISING NANOMATERIALS AND METHOD FOR USING SUCH COMPOSITIONS FOR HISTOCHEMICAL PROCESSES
EP2301992 A1 20110330	WO2008JP62486 20080710	NISSIN KOGYO KK [JP]; MEFS KABUSHIKI KAISHA [JP]	C08J5/04; C01B31/02; D01F9/127	PROCESS FOR PRODUCING CARBON NANOFIBER, CARBON NANOFIBER, PROCESS FOR PRODUCING CARBON FIBER COMPOSITE MATERIAL FROM CARBON NANOFIBER, AND CARBON FIBER COMPOSITE MATERIAL
EP2301993 A1 20110330	WO2008JP62489 20080710	NISSIN KOGYO KK [JP]; MEFS KABUSHIKI KAISHA [JP]	C08J5/04; C01B31/02; D01F9/127	CARBON NANOFIBER, PROCESS FOR PRODUCING THE SAME, AND CARBON FIBER COMPOSITE MATERIAL
EP2303771 A2 20110406	WO2009US49304 20090630; US20080076910P 20080630; US20080076833P 20080630	LIFE TECHNOLOGIES CORP [US]; MEASHO BERHANE [US]	B82B3/00	METHODS FOR ISOLATING AND PURIFYING NANOPARTICLES FROM A COMPLEX MEDIUM

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EP2303775 A2 20110406	WO2009HU00053 20090625; HU20080000401 20080627	PANNON EGYETEM [HU]; SZEGEDI TUDOMANYEGYETEM [HU]	C01B31/02; C08J5/04; C08K7/24	CARBON NANOCOMPOSITE ADDITIVE AND ITS USE AS ADJUVANT FOR POLYMER MATERIALS
EP2303956 A1 20110406	WO2009EP56612 20090529; DE200810030904 20080630	SIEMENS AG [DE]	C08K3/00	COMPOSITE COMPRISING NANOSIZE POWDER AND USE OF THE COMPOSITE
EP2303969 A1 20110406	WO2009EP04583 20090625; DE200810029820 20080625	ECKART GMBH [DE]	C09C1/00; C09C1/62; C09C1/64	MIXTURE OF THIN IRON AND ALUMINIUM EFFECT PIGMENTS, PROCESS FOR PREPARATION THEREOF AND USE THEREOF
EP2303970 A1 20110406	WO2009US03802 20090626; US20080217828 20080709	CABOT CORP [US]	C09C1/00; C09C1/30; C09C1/40; G03G9/097	TREATED METAL OXIDE PARTICLES AND TONER COMPOSITIONS
EP2305402 A1 20110406	WO2009JP60587 20090610; JP20080167262 20080626; JP20080288651 20081111; JP20090071732 20090324	DAINIPPON INK & CHEMICALS [JP]	B22F9/24; B22F1/00; B22F1/02; B22F9/00; C09C1/62; C09C3/10; H01B1/22; H01B5/00	SILVER-CONTAINING POWDER, METHOD FOR PRODUCING THE SAME, CONDUCTIVE PASTE USING THE SAME, AND PLASTIC SUBSTRATE
EP2305596 A1 20110406	WO2008RU00398 20080627	GREBENNIKOV EVGENY PETROVICH [RU]; DEVYATOV ALEXANDR GEORGIEVICH [RU]; ADAMOV GRIGORY EVGENEVICH [RU]	B82B1/00; G02F1/00; G03C1/72	NANOCOMPOSITE MATERIAL
EP2305607 A1 20110406	WO2009JP60196 20090603; JP20080176868 20080707	ASAHI GLASS CO LTD [JP]	C01G1/00; C01G1/12	CORE-SHELL PARTICLE AND METHOD FOR PRODUCING CORE-SHELL PARTICLE

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EP2305608 A1 20110406	WO2009JP61946 20090630; JP20080179992 20080710; JP20090115212 20090512; JP20090148310 20090623	UNIV TOHOKU [JP]; DOWA ELECTRONICS MATERIALS CO [JP]	C01G19/00; C09D5/24; C09D7/12; C09D201/00; H01B5/00; H01B5/14; H01B13/00	PROCESS FOR PRODUCING ITO PARTICLES, ITO POWDER, COATING MATERIAL FOR TRANSPARENT ELECTROCONDUCTIVE MATERIAL, AND TRANSPARENT ELECTROCONDUCTIVE FILM
EP2305731 A1 20110406	EP20050725620 20050316; US20040802138 20040317	DU PONT [US]	C08G61/12; C08L65/00; H01B1/12; H01L51/00; H01L51/30	Water dispersible polydioxithiophenes with polymeric acid colloids and a water-miscible organic liquid
EP2305747 A1 20110406	WO2009ES70277 20090708; ES20080002035 20080708	NANOBIOMATTERS S L [ES]	C08K3/34; C01B33/44; C08J5/00; C08K7/26; C08K9/06	POLYMERIC MATRIX NANOCOMPOSITE MATERIALS HAVING IMPROVED MECHANICAL AND BARRIER PROPERTIES AND PROCEDURE FOR PREPARING SAME
EP2306543 A1 20110406	WO2009JP60760 20090612; JP20080160815 20080619	SONY CORP [JP]	H01L51/30; H01L21/28; H01L29/417; H01L29/786; H01L51/05	FUNCTIONALIZED MOLECULAR ELEMENT, MANUFACTURING METHOD THEREOF, AND FUNCTIONALIZED MOLECULAR DEVICE
EP2307312 A2 20110413	WO2009GB01657 20090703; GB20080012328 20080703; GB20080022525 20081210	UCL BUSINESS PLC [GB]; IMP INNOVATIONS LTD [GB]	C01B31/02; B01J13/00; C25B11/12	METHOD FOR DISPERSING AND SEPARATING NANOTUBES

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EP2307313 A1 20110413	WO2009GB01661 20090703; GB20080012328 20080703; GB20080022526 20081210	UCL BUSINESS PLC [GB]; IMP INNOVATIONS LTD [GB]	C01B31/02	METHOD FOR DISPERSING AND SEPARATING NANOTUBES
EP2307317 A2 20110413	WO2009GB01777 20090717; GB20080013273 20080719; US20080082335P 20080721	NANOCO TECHNOLOGIES LTD [GB]	C01G9/08; C01G11/00; C01G11/02; C01G21/21	METHOD FOR PRODUCING AQUEOUS COMPATIBLE NANOPARTICLES
EP2307487 A1 20110413	WO2009EP59901 20090730; FR20080055311 20080731	COMMISSARIAT ENERGIE ATOMIQUE [FR]	C08J3/075; C08J5/00; C08K9/08; C08K9/10	GELLED AND FREEZE- DRIED CAPSULES OR AGGLOMERATES OF NANO-OBJECTS OR NANOSTRUCTURES, NANOCOMPOSITE MATERIALS WITH A POLYMER MATRIX CONTAINING SAME, AND METHODS FOR PREPARING SAME
EP2308800 A1 20110413	WO2009JP63541 20090723; JP20080190646 20080724; JP20080242188 20080922	SUMITOMO CHEMICAL CO [JP]	C01B31/02; C08G61/12; H01L31/04	COMPOSITION, AND ORGANIC PHOTOELECTRIC CONVERSION ELEMENT COMPRISING SAME
EP2308900 A2 20110413	EP20060844221 20061025; US20050729828P 20051025	ARTIFICIAL CELL TECHNOLOGIES INC [US]	C07K17/00; G01N33/68	Immunogenic compositions and methods of use
EP2310316 A1 20110420	WO2009US41497 20090423; US20080139685 20080616	RAYTHEON CO [US]; UNIV ARIZONA STATE [US]	C01B31/02; C01B21/00; C01B21/02; C01B33/00; C01B35/00; C01F1/00; C01G15/00; C01G17/00; C01G23/00	SYSTEM AND METHOD FOR GROWING NANOTUBES WITH A SPECIFIED ISOTOPE COMPOSITION VIA ION IMPLANTATION USING A CATALYTIC TRANSMEMBRANE

Número do Pedido	País e Nº da Prioridade	Nome(s) do(s) Depositantes	CIP	Título
EP2310321 A1 20110420	WO2009GB01928 20090805; GB20080014458 20080807; US20080088100P 20080812	NANOCO TECHNOLOGIES LTD [GB]	C01G9/08; C09K11/02; C30B7/00; C30B29/60; H01L31/0296	SURFACE FUNCTIONALISED NANOPARTICLES
EP2310340 A2 20110420	WO2009US04208 20090721; US20080183464 20080731	CORNING INC [US]	C04B35/622	NANOFIBERS AND METHODS FOR MAKING THE SAME
EP2311114 A1 20110420	WO2009IL00641 20090628; US20080075947P 20080626	YISSUM RES DEV CO [IL]	H01L51/46	PHOTOCHEMICAL ELECTRODE, CONSTRUCTION AND USES THEREOF
EP2311122 A1 20110420	WO2009US52745 20090804; US20080086161P 20080805	SAKTI3 INC [US]	H01M6/18	ELECTROCHEMICAL CELL INCLUDING FUNCTIONALLY GRADED COMPONENTS
EP2311558 A2 20110420	EP20080009730 20080528; KR20070094579 20070918	KOREA ENERGY RESEARCH INST [KR]	B01J19/00; B01J19/24; B01J21/18; B01J23/40; B01J23/46; B01J23/755; B01J35/04; B01J37/02; B01J37/08; B01J37/18; B82Y30/00; D01F9/16	Microcatalytic reactor system
EP2311894 A1 20110420	WO2009JP63967 20090806; JP20080204342 20080807	MITSUBISHI CHEM CORP [JP]	C07C35/52; C07C39/23; C07C211/61; C08G61/12; C08L65/00; C09K11/06; H01L51/42; H01L51/50	POLYMER, MATERIAL FOR LUMINESCENT LAYER, MATERIAL FOR ORGANIC ELECTROLUMINESCENT ELEMENT, COMPOSITION FOR ORGANIC ELECTROLUMINESCENT ELEMENT, AND ORGANIC ELECTROLUMINESCENT ELEMENT, SOLAR CELL ELEMENT, ORGANIC EL DISPLAY DEVICE, AND ORGANIC EL LIGHTING UT

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EP2311922 A1 20110420	WO2009JP62619 20090710; JP20080181871 20080711; JP20080181872 20080711	NISSIN KOGYO KK [JP]; KITZ CORP [JP]	C09K3/10; C01B31/00; D01F9/127; D06M11/34; F16J15/10	SEALING MEMBER FOR PIPING MATERIAL HAVING EXCELLENT CHLORINE RESISTANCE, METHOD FOR PRODUCING SEALING MEMBER FOR PIPING MATERIAL HAVING EXCELLENT CHLORINE RESISTANCE, SEALING MEMBER FOR PIPING MATERIAL HAVING EXCELLENT OIL RESISTANCE, AND PIPING MATERIAL
EP2311939 A1 20110420	EP20020807456 20020807; US20010923760 20010807	UNIV CHICAGO [US]	C12N5/10; C07C323/58; C07F9/40; C07F9/655; C07K17/14; C12N15/64; C12Q1/34; C12Q1/37; C40B30/04; G01N33/543; G01N33/551; G01N33/553; G01N33/68	Polypeptide immobilization
EP2312304 A1 20110420	EP19980926542 19980612; US19970873977 19970612	CLINICAL MICRO SENSORS INC [US]	G01N27/327; G01N27/416; G01N33/543	Detection of analytes using reorganization energy
EP2312664 A2 20110420	EP20030767991 20031212; GB20020029191 20021214	PLASTIC LOGIC LTD [GB]	H01L51/05; H01L21/762; H01L51/10; H01L51/40	Electronic devices
EP2313221 A1 20110427	WO2008US03314 20080312	DU PONT [US]	B23B27/00	DURABLE COATING COMPOSITION
EP2313256 A1 20110427	WO2009US48486 20090624; US20080188854 20080808; EP20080164837 20080923; EP20090789937 20090624	EXXONMOBIL CHEM PATENTS INC [US]	B29D22/00; B29D30/00; C01B31/02; C01B31/04; C08J5/00; C08K7/06; C08L23/18; C08L23/20; C08L23/22; C08L23/28	GRAPHITE NANOCOMPOSITES

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EP2313458 A1 20110427	WO2009US50829 20090716; US20080081909P 20080718	DOW GLOBAL TECHNOLOGIES LLC [US]	C08J3/20	PROCESS OF MAKING POLYMER NANOCOMPOSITES
EP2314400 A1 20110427	WO2009JP61701 20090626; JP20080209997 20080818	SUMITOMO ELECTRIC INDUSTRIES [JP]	B22F1/00; B22F1/02; B22F9/24; C22C19/03; H01B1/22; H01B5/00; H01B13/00; H01G4/12; H01G4/30	NICKEL POWDER OR ALLOY POWDER COMPRISING NICKEL AS MAIN COMPONENT, METHOD FOR PRODUCING THE SAME, CONDUCTIVE PASTE AND LAMINATED CERAMIC CAPACITOR
EP2315214 A1 20110427	EP20050725618 20050316; US20040803113 20040317	DU PONT [US]	H01B1/00; C08G73/00; C08G73/02; C08L33/02; C08L79/02; H01B1/12; H01L51/00; H01L51/30; H01L51/50	Dispersions of polyanilines with colloid-forming polymeric acids
EP2315627 A1 20110504	WO2009EP60354 20090811; EP20080162455 20080815; EP20090781680 20090811	BASF SE [DE]	B01J2/04; B01D7/02; C09B67/00	PROCESS FOR PRODUCING NANOSCALE ORGANIC SOLID PARTICLES
EP2315639 A2 20110504	WO2009US44402 20090518; US20080071785P 20080516	VERUTEK TECHNOLOGIES INC [US]	B22F1/00; B22F9/24; B82B1/00	GREEN SYNTHESIS OF NANOMETALS USING PLANT EXTRACTS AND USE THEREOF
EP2315661 A1 20110504	WO2008US78306 20080930; US20080180359 20080725	APPLIED NANOTECH HOLDINGS INC [US]	B32B5/24	CARBON NANOTUBE-REINFORCED NANOCOMPOSITES
EP2316790 A1 20110504	WO2009JP62774 20090715; JP20080185433 20080716	JAPAN FINE CERAMICS CT [JP]; TUNGALOY CORP [JP]	C01B21/082; B23B27/14; C22C1/05; C22C29/04	HARD POWDER, METHOD FOR PRODUCING HARD POWDER AND SINTERED HARD ALLOY



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EP2316791 A1 20110504	DE200910051126 20091028	KARLSRUHER INST TECHNOLOGIE [DE]	C01B31/02	Carbon nanoparticles with a covalent bond to a target molecule through a bridging molecule and method for producing same
EP2317570 A2 20110504	EP19980957785 19981110; US19970969302 19971113	MASSACHUSETTS INST TECHNOLOGY [US]	C09K11/08; H01L33/00; C09K11/00; C09K11/56; C09K11/88; H01S3/16	Highly luminescent color-selective materials
EP2318112 A2 20110511	WO2009US53764 20090813; US20080090093P 20080819; US20090539734 20090812	PERRY EQUIPMENT CORP [US]	B01D39/00; B01D27/06; B01D35/30	CONTAMINANT ADSORBENT FLUTED FILTER ELEMENT
EP2318310 A2 20110511	WO2009FR00852 20090709; FR20080003976 20080711	CENTRE NAT RECH SCIENT [FR]; UNIV PARIS CURIE [FR]	C01B21/064; C04B35/5831	NANOSCALE CUBIC BORON NITRIDE
EP2320231 A2 20110511	EP20000911609 20000121; US19990133148P 19990507; US19990132289P 19990503; US19990133772P 19990512; US19990116975P 19990123	MINERVA BIOTECHNOLOGIES CORP [US]	G01N33/543; G01N33/566; B82Y5/00; B82Y15/00; B82Y30/00; C12Q1/02; G01N21/78; G01N27/12; G01N27/327; G01N33/15; G01N33/50; G01N33/53; G01N33/545; G01N33/548; G01N33/553; G01N37/00	Assays involving sam-modified colloids and non-colloidal structures
EP2321219 A2 20110518	WO2009US54306 20090819; US20080190542P 20080829	DOW CORNING [US]	C01B33/021; C01B31/02; C01B31/36; C04B35/00	FIBERS INCLUDING NANOPARTICLES AND A METHOD OF PRODUCING THE NANOPARTICLES
EP2321373 A1 20110518	WO2009EP61103 20090828; EP20080163703 20080904; EP20090782305 20090828	BASF SE [DE]	C09C1/04; C09C3/08; H01L21/368; H01L29/786	MODIFIED PARTICLES AND DISPERSIONS COMPRISING SAID PARTICLES
EP2321447 A1 20110518	WO2009GB01701 20090710; GB20080012597 20080710	UNIV ST ANDREWS [GB]	C23C28/00; B05D1/18; B82B3/00	MODIFIED SURFACES

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EP2322929 A1 20110518	EP20100162600 20011127; EP20010989135 20011127; US20000253361P 20001127; US20000255370P 20001213; US20000256027P 20001215; US20000258157P 20001222; US20010259615P 20010103; US20010260186P 20010105; US20010266169P 20010202; US20010266929P 20010206; US20010	MINERVA BIOTECHNOLOGIES CORP [US]	G01N33/543; A61K31/198; A61K31/336; A61K31/416; A61K31/44; A61K39/00; A61K45/00; A61P13/08; A61P35/00; C07K14/00; C07K14/71; C07K16/00; C07K16/30; C07K19/00; C12Q1/02; C12Q1/68; G01N27/447; G01N33/15; G01N33/50; G01N33/566; G01N33/574; G01N33/68	Diagnostics, drug screening and treatment for cancer
EP2323776 A1 20110525	WO2009EP06584 20090910; DE200810046707 20080911	UNIV BIELEFELD [DE]	B05D1/20; B05D1/18; B05D3/06	FULLY CROSSLINKED CHEMICALLY STRUCTURED MONOLAYERS
EP2325693 A1 20110525	EP20030256824 20031028; KR20020072017 20021119	SAMSUNG ELECTRONICS CO LTD [KR]	G03F7/027; G03F7/029; B82B3/00; C08F2/50; G03F1/08; G03F7/00; G03F7/038; H05K3/02	Composition for Forming a Patterned Film of Surface- Modified Carbon Nanotubes
EP2326420 A1 20110601	WO2009IB53763 20090828; IT2008TO00646 20080829	CALMED S R L [IT]	B01L3/00; B82Y30/00; G01N21/55	CONCENTRATOR AND LOCATOR DEVICE OF A SOLUTE AND METHOD FOR CONCENTRATING AND LOCATING A SOLUTE

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EP2326602 A1 20110601	WO2009FR51816 20090924; FR20080056429 20080924	SAINT GOBAIN [FR]	C03C17/00; C03C17/06; C03C17/09; C03C17/22; H01L51/10; H01L51/52; H01L51/56	METHOD FOR MANUFACTURING A MASK HAVING SUBMILLIMETRIC APERTURES FOR A SUBMILLIMETRIC ELECTRICALLY CONDUCTIVE GRID, AND MASK AND SUBMILLIMETRIC ELECTRICALLY CONDUCTIVE GRID
EP2327815 A2 20110601	WO2009RU00413 20090818; RU20080134160 20080821	FEDERALNOE GUP [RU]	C30B7/00; B82B3/00; C09K11/02; C09K11/88; C30B29/46	METHOD FOR SYNTHESISING SEMICONDUCTOR QUANTUM DOTS
EP2328843 A1 20110608	WO2009IB53866 20090904; IT2008PD00258 20080904	RIGO ADELIO [IT]; MAGRO MASSIMILIANO [IT]; VIANELLO FABIO [IT]; ZENNARO LUCIO [IT]; SCARPA MARINA [IT]; TOGNON GIUSEPPE [IT]; CONSORZIO INTERUNIVERSITARIO ISTITUTO NAZ DI BIOSTRUTTURE E BIOSISTEMI [IT]	C01G23/053; B01F3/12; C01G23/08	METHOD FOR PREPARING AQUEOUS SOLUTIONS OF SINGLE TITANIUM OXIDE NANOTUBES AND AQUEOUS SOLUTIONS OF NANOTUBES OBTAINED WITH SUCH METHOD
EP2328970 A1 20110608	WO2009JP66860 20090918; JP20080244598 20080924	TOYOTA CHUO KENKYUSHO KK [JP]	C08L23/26; C08K3/04	RESIN COMPOSITION
EP2328978 A2 20110608	WO2009US46542 20090608; US20080166782 20080702	MILLER WASTE MILLS D B A RTP COMPANY [US]	C08L101/12; B29C45/00; C08K3/04; C08K7/06; C08K7/24	INJECTION MOLDABLE, THERMOPLASTIC COMPOSITE MATERIALS

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EP2330216 A1 20110608	EP20030752373 20030912; US20020243367 20020912	GEN9 INC [US]	C12Q1/68; G01N37/00; B01J19/00; C07H21/02; C07H21/04; C12N15/09; C12P19/34	Microarray synthesis and assembly of gene-length polynucleotides
EP2332175 A2 20110615	WO2009US55143 20090827; US20080095422P 20080909	VANGUARD SOLAR INC [US]	H01L31/0272; H01L51/00; H01L51/42	SOLAR CELLS AND PHOTODETECTORS WITH SEMICONDUCTING NANOSTRUCTURES
EP2332645 A1 20110615	EP20020013832 19990210; EP19990906913 19990210; US19980074368P 19980211	UNIV HOUSTON [US]; UNIV MICHIGAN [US]	B01J19/00; G01N33/53; B01J19/12; C07B61/00; C07H1/00; C07H21/00; C07K1/04; C12M1/00; C12N15/09; C12Q1/68; C40B30/02; C40B40/02; C40B50/00; C40B50/02; C40B50/06; C40B60/00; C40B60/04; G01N33/15; G01N37/00	Apparatus for chemical and biochemical reactions using photo-generated reagents
EP2332957 A1 20110615	EP20070075987 19970205; EP19970922283 19970205; US19960011359P 19960209	CORNELL RES FOUNDATION INC [US]; UNIV MINNESOTA [US]; UNIV LOUISIANA STATE [US]	C07H21/04; C12N15/09; B01J19/00; C07H21/00; C12M1/00; C12P19/34; C12Q1/68	Detection of nucleic and acid sequence differences using the ligase detection reaction with addressable arrays
EP2334443 A1 20110622	WO2009FR00850 20090709; FR20080004403 20080801	COMMISSARIAT ENERGIE ATOMIQUE [FR]	B05D5/04; B05D5/08; C10M105/76; C10M171/06; C23C16/26; C23C16/56; C23C28/00	METHOD FOR USING A SUPER-SLIPPERY THIN LAYER CHARACTERISED BY THE METHOD FOR MAKING SAME
EP2334811 A2 20110622	WO2009US59208 20091001; US20080194986P 20081002	UNIV NEW HAVEN [US]	C12Q1/68; C12M3/00	BIONANOSENSOR DETECTION DEVICE

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EP2334848 A1 20110622	WO2009FR51932 20091009; FR20080056832 20081009	ECOLE POLYTECH [FR]; CENTRE NAT RECH SCIENT [FR]	C30B11/12; C30B29/06; C30B29/08; C30B29/60; H01L29/06; H01L29/786	METHOD FOR MAKING SIDE GROWTH SEMICONDUCTOR NANOWIRES AND TRANSISTORS OBTAINED BY SAID METHOD
EP2335821 A1 20110622	EP20070765176 20070711; DE200610032452 20060713	SUED CHEMIE AG [DE]	B01J21/04; B01J23/80; B01J23/889; C01B13/14; C01F7/00; C01G3/00; C01G9/00; C01G45/00	Method for the production of nanocrystalline metal oxide
EP2336098 A1 20110622	EP20030733472 20030618; JP20020176680 20020618; JP20020190588 20020628	TOSHIBA KK [JP]	C04B35/56; C04B35/565; C04B35/573; C04B37/00	Process for producing part of silicon carbide matrix composite material
EP2337763 A2 20110629	WO2009US59452 20091002; US20080102613P 20081003	LIFE TECHNOLOGIES CORP [US]	B82B3/00	METHODS FOR PREPARATION OF NANOCRYSTALS USING A WEAK ELECTRON TRANSFER AGENT AND MISMATCHED SHELL PRECURSORS
EP2337771 A2 20110629	WO2009IB54568 20091016; FR20080057071 20081017	SAINT GOBAIN CT RECHERCHES [FR]	C04B35/484; B02C17/20	FUSED CERAMIC PRODUCT
EP2338053 A1 20110629	WO2009EP61889 20090914; SE20080001959 20080912	MODPRO AB [SE]	G01N33/543	DETECTION METHOD AND DEVICE BASED ON NANOPARTICLE AGGREGATION

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ES2350198T T3 20110120	US20010919198 20010731	PPG IND OHIO INC [US]	C09D183/04; C09D183/05; C08J3/20; C08K3/00; C08K3/38; C08K5/55; C09D7/00; C09D7/12; C09D133/00; C09D161/20; C09D167/00; C09D171/00; C09D175/04; C09D183/06; C09D183/07; C09D183/08	COMPOSICIONES DE REVESTIMIENTO QUE TIENEN ADHESION MEJORADA, SUSTRATOS RECUBIERTOS Y PROCEDIMIENTOS RELACIONADOS CON LOS MISMOS.
ES2350315T T3 20110121	EP20050425714 20051011	FIBRE E TESSUTI SPECIALI S P A [IT]	C01B31/02; B01J31/06; B01J31/28; C08K3/04; C08K7/24	SINTESIS DE NANOTUBOS Y/O NANOFIBRAS DE CARBONO EN UN SUSTRATO DE POLIMERO.
ES2350493T T3 20110124	EP20050006432 20050323	DSM IP ASSETS BV [NL]	C09C1/36; A61K8/11; A61K8/29; A61Q17/04; C07D249/18; C07D249/20; C08G77/16; C09C3/12	PARTICULAS DE OXIDO METALICO, RECUBIERTAS CON UN CROMOFORO.
ES2351845T T3 20110211	FI20050001171 20051116	CANATU OY [FI]	C01B31/02	NANOTUBOS DE CARBONO FUNCIONALIZADO CON FULLERENOS.
ES2352499T T3 20110221	DE20011052745 20011025	EVONIK DEGUSSA GMBH [DE]	C01F7/02; B41M5/00; B41M5/52; C01F7/30; C03C17/25; C09C1/40; C09D7/12; C09D11/00; C09D17/00; C09D201/00; C09K3/14; D21H19/38; H01J61/35; H01K1/32	DISPERSION DE OXIDO DE ALUMINIO.
ES2352626 A1 20110222	ES20090030353 20090624	NANOBIOMATTERS S L [ES]	C08K3/34; C08K7/26; C08K9/04	MATERIALES COMPUESTOS CON PROPIEDADES ANTIOXIDANTES Y PROCEDIMIENTOS PARA SU OBTENCION.

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ES2352875T T3 20110223	NO20050005723 20051202	PROTOTECH AS [NO]	C01G25/02; C01B33/152; C01G53/04	PROCEDIMIENTO DE TRATAMIENTO SOL-GEL.
ES2352878T T3 20110223	NO20050005721 20051202	PROTOTECH AS [NO]	C01G25/02; C01B13/32; C01B33/152; C01G1/02; C01G17/02; C01G27/02; C01G35/00; C01G53/04	NANOPARTICULAS Y METODO DE PROCESO SOL-GEL.
ES2353147T T3 20110225	FR20040011604 20041029	CENTRE NAT RECH SCIENT [FR]	D01F9/12; D01D5/00; D01F1/10	FIBRAS DE MATERIALES COMPUESTOS QUE COMPRENDEN AL MENOS NANOTUBOS DE CARBONO, SU PROCEDIMIENTO DE OBTENCION Y SUS APLICACIONES.
ES2353839T T3 20110307	US20060785493P 20060324	RENSSELAER POLYTECH INST [US]	C12Q1/68; B01D11/00; B01D15/38; B01J20/00; B01J20/22; B01J20/29; B01J20/291	REVERSIBLE BIOGEL FOR MANIPULATION AND SEPARATION OF SINGLE-WALLED CARBON NANOTUBES
ES2354074T T3 20110309	WO2004IT00743 20041230	UNIV ROMA [IT]	G01N33/00; G01N27/12	METHOD FOR THE CONTROL OF THE RESPONSE TIME OF A SENSOR FOR CHEMICAL SUBSTANCES
ES2354545 A1 20110316	ES20090001133 20090424	AVANZARE INNOVACION TECNOLOGICA S L [ES]	C09C3/04; B82Y30/00; C08K9/04; C09C3/08	MODIFICACION SUPERFICIAL DE NANOMATERIALES MEDIANTE TECNICAS SONOQUIMICAS Y DE AUTO-ENSAMBLAJE PARA LA FORMACION DE NANOCOMPOSITES PLASTICOS.

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ES2354617T T3 20110316	US20040563355P 20040419	PROCTER & GAMBLE [US]	D04H13/02; A61F13/15; B32B5/02; B32B5/26; D01D5/42; D04H1/42; D04H3/16; D04H13/00	FIBERS, NONWOVENS AND ARTICLES CONTAINING NANOFIBERS PRODUCED FROM HIGH GLASS TRANSITION TEMPERATURE POLYMERS
ES2357278T T3 20110420	DE200810024888 20080516	EGO ELEKTRO GERAETEBAU GMBH [DE]	H05B6/36; H05B6/12	Induction heater and method for its manufactur
ES2357405T T3 20110426	GB20050006183 20050324	ALBA BIOSCIENCE LTD [GB]	G01N33/80; G01N33/50; G01N33/543; G01N33/569	ANTIGEN DETECTION
ES2357794T T3 20110429	EP20070114924 20070824	TOTAL PETROCHEMICALS RES FELUY [BE]	C08L23/04	Resin compositions comprising polyolefins, poly(hydroxy carboxylic acid) and nanoclays
ES2359411 A1 20110523	ES20090030865 20091019	UNIV ZARAGOZA [ES]	G07D7/12; B01J13/02; B82Y30/00; B82Y40/00	OBJECT AUTHENTICATION SYSTEM AND METHOD
ES2359769T T3 20110526	US20070896567P 20070323	SOLVAY ADVANCED POLYMERS LLC [US]	D01F6/66; D01F6/76; D01F6/94	Polymerfasern, Anlagen, die solche Polymerfasern enthalten und Systeme, die solche Filteranlagen enthalten
FR2952384 A1 20110513	FR20090005392 20091110	COMMISSARIAT ENERGIE ATOMIQUE [FR]	C23C20/00; B82B3/00	DEPOT SELECTIF DE NANOPARTICULES
GB2473696 A 20110323	DE200910041642 20090917; GB20100008164 20100517	OHNESORGE FRANK [DE]	H01L29/12; H01L27/105; H01L29/66; H01L29/775; H01L31/06; H01L49/00	Nanotube devices
GB2475099 A 20110511	GB20090019534 20091106	TOSHIBA RES EUROP LTD [GB]	H01L33/06; H01S5/34	A photon source for producing entangled photons



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HK1080875 A1 20110128	WO2003US30512 20030924; US20020413203P 20020924	DU PONT [US]	C08L79/02; H01L51/30	WATER DISPERSIBLE POLYANILINES MADE WITH POLYMERIC ACID COLLOIDS FOR ELECTRONICS APPLICATIONS
HK1083791 A1 20110304	WO2003JP09782 20030801; JP20020224440 20020801; JP20030034874 20030213	OSAKA MUNICIPAL TECHNICAL RES [JP]; DAIKEN CHEMICAL CO LTD [JP]	B22F1/00; B22F9/20; B22F9/24	PROCESS FOR PRODUCING METAL NANOPARTICLE
HK1091192 A1 20110114	WO2004EP04488 20040428; EP20030008854 20030428	CT FUER ANGEWANDTE NANOTECHNOLOGIE CAN GMBH [DE]	C01B25/45; C01G31/00; C09K11/77	SYNTHESIS OF NANOPARTICLES COMPRISING METAL (III) VANADATE
HK1097793 A1 20110114	WO2004US06811 20040308; US20030452530P 20030307; US20030468109P 20030506; US20030499375P 20030903	SELDON TECHNOLOGIES LLC [US]	A61L2/00; A61L2/23; B01D15/00; B01D53/22; B01D69/14; B01D71/02; B01J20/20; C02F1/44; C12H1/044; C12H1/052	PURIFICATION OF FLUIDS WITH NANOMATERIALS
HK1110298 A1 20110408	US19990115133P 19990107; US19990157633P 19991004	UNIV NORTHWESTERN [US]	B81C1/00; B82B3/00; G01Q70/16	A DIRECT-WRITE NANOLITHOGRAPHIC METHOD
HK1127019 A1 20110401	WO2007US00838 20070112; US20060758208P 20060112	UNIV HONG KONG SCIENCE & TECHN [HK]		SEPARATION OF FULLERENE C60 AND C70 USING CRYSTALLIZATION
JP2011001202 A 20110106	JP20090143007 20090616	SONY CORP [JP]	C01G31/02; B82B1/00; B82B3/00; G01J1/02	VANADIUM DIOXIDE NANOWIRE, METHOD FOR PRODUCING THE SAME, AND NANOWIRE DEVICE USING VANADIUM DIOXIDE NANOWIRE

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JP2011001559 A 20110106	JP20030313223 20030731; JP20100210626 20100921	UNIV KYOTO [JP]; ROHM CO LTD [JP]; MITSUBISHI CHEM CORP [JP]; HITACHI LTD [JP]; PIONEER ELECTRONIC CORP; NIPPON TELEGRAPH & TELEPHONE	C08J5/04; C08J5/00; C08K7/02; C08L101/00; G02B6/122; H05K1/03	FIBER-REINFORCED COMPOSITE MATERIAL, METHOD FOR PRODUCING THE SAME, AND WIRING BOARD
JP2011006412 A 20110113	US20020403367P 20020815	BAWENDI MOUNGI G; KIM SUNGJEE; STOTT NATHAN E; MASSACHUSETTS INST TECHNOLOGY [US]	C07F9/50; B32B5/16; C01B19/00; C07F9/113; C08G18/32; C08G18/83; C30B29/10; C30B29/46; H01L21/00; H01L51/05; H01L51/30; H01L51/40	STABILIZED SEMICONDUCTOR NANOCRYSTAL
JP2011009227 A 20110113	US20020368130P 20020329	MASSACHUSETTS INST TECHNOLOGY [US]; UNIVERSAL DISPLAY CORP	H05B33/14; C09K11/00; C09K11/08; C09K11/56; C09K11/62; C09K11/64; C09K11/66; C09K11/70; C09K11/74; C09K11/88; C09K11/89; H01L51/50; H05B33/10	LIGHT EMITTING DEVICE INCLUDING SEMICONDUCTOR NANOCRYSTALS
JP2011009229 A 20110113	JP20070330753 20071221; JP20100180249 20100811	NIPPON ZEON CO	H05B33/02; F21S2/00; F21V5/00; F21V5/02; H01L51/50	SURFACE LIGHT SOURCE DEVICE
JP2011016805 A 20110127	US19980014098 19980127	MINNESOTA MINING & MFG	C07D249/18; B29C33/60; C09K3/00; C10M133/44; C23F11/14	FLUOROCHEMICAL BENZOTRIAZOLE

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JP2011017711 A 20110127	US20000201921P 20000504; US20000221034P 20000727	UNIV YALE	G01N27/62; G01N33/53; B01J19/00; B81C1/00; C07K17/08; C07K17/12; C12N11/08; C12N11/14; G01N21/78; G01N33/50; G01N33/543; G01N33/545; G01N33/552; G01N33/566; G01N33/573; G01N33/577; G01N37/00	PROTEIN CHIP FOR SCREENING OF PROTEIN ACTIVITY
JP2011029566 A 20110210	CN20091143189 20090519	UNIV YANSHAN	H01L35/34; B22F1/00; B22F3/02; B22F3/14; B22F3/24; B22F9/04; C22C12/00; H01L35/14	METHOD FOR FABRICATION OF HIGH PERFORMANCE DENSIFIED NANOCRYSTALLINE BULK THERMOELECTRIC MATERIAL USING HIGH PRESSURE SINTERING TECHNIQUE
JP2011039068 A 20110224	US20040592803P 20040730; US20040592804P 20040730; US20040592823P 20040730; US20040592824P 20040730; US20040592825P 20040730	CYTYC CORP	G01N33/574	ONCOFETAL FIBRONECTIN AS MARKER OF DISEASE AND OTHER SYMPTOMS AND METHOD FOR DETECTION OF ONCOFETAL FIBRONECTIN
JP2011046611 A 20110310	US20020400208P 20020731	UNIDYM INC	C01B31/02; B01J23/745; B01J23/85	METHOD FOR MAKING SINGLE-WALL CARBON NANOTUBE USING SUPPORTED CATALYST

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JP2011046951 A 20110310	KR20030073338 20031021	SAMSUNG ELECTRONICS CO LTD [KR]	C09K11/08; G03F7/004; B82B1/00; C01B19/00; C01G11/02; C09K11/56; C09K11/62; C09K11/88; C09K11/89; G03F7/00; G03F7/027; G03F7/031; H01L21/027; H01L21/20; H01L21/36; H01L31/036; H01L33/00; H01L35/24; H01L51/00; H01L51/46; H05B33/10; H05B33/14	PHOTOSENSITIVE SEMICONDUCTOR NANOCRYSTAL, PHOTOSENSITIVE COMPOSITION FOR FORMING SEMICONDUCTOR NANOCRYSTAL PATTERN, AND METHOD FOR FORMING PATTERN USING THE SAME
JP2011052326 A 20110317	JP19990206623 19990615; JP20100283261 20101220	KOMATSU AKIO; NAGASAWA HIROSHI; KIMOTO TADAAKI; KITABAYASHI SUSUMU; MARUYAMA MINORU	B22F1/02; B22F1/00; B22F9/24	ULTRAFINE COMPOSITE METAL PARTICLES AND METHOD FOR MANUFACTURING THE SAME
JP2011053691 A 20110317	JP20000089790 20000328; JP20100206036 20100914	FUJITSU LTD [JP]	G03F7/075; C08G77/14; G03F7/038; G03F7/09; G03F7/38; H01L21/027	NEGATIVE RESIST COMPOSITION, METHOD FOR FORMING RESIST PATTERN, AND METHOD FOR FABRICATING SEMICONDUCTOR DEVICE
JP2011057552 A 20110324	JP20050054666 20050228; JP20100255908 20101116	SHOWA DENKO KK [JP]	C01G23/07	FINE PARTICULATE TITANIUM DIOXIDE, AND PRODUCTION PROCESS AND USE THEREOF

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JP2011057995 A 20110324	EP20020445132 20021014	AKZO NOBEL NV	C01B33/18; C08L101/00; C01B33/148; C01B33/157; C01B33/159; C04B14/06; C04B18/14; C04B20/10; C04B22/06; C04B24/26; C04B24/28; C04B24/42; C04B28/02; C04B41/50; C04B41/68; C04B41/85; C08K9/06; C09C1/30; C09D101/00	AQUEOUS SILICA DISPERSION
JP2011089205 A 20110506	IL20020150325 20020619	CIMA NANO TECH ISRAEL LTD [IL]	B22F9/04; B22F1/00; B22F1/02; B22F9/16	METHOD FOR PRODUCING HIGH-PURITY METALLIC NANO-POWDER AND NANO-POWDER PRODUCED THEREBY
JP2011090009 A 20110506	US20040539358P 20040126; US20040539416P 20040126; US20040565866P 20040426	HARVARD COLLEGE [US]	G01N33/543; B01J4/02; B01L3/00; G01N33/553	SYSTEM AND METHOD FOR FLUID DELIVERY
JP2011101016 A 20110519	US20020210785 20020801; US20020210780 20020801; US20020210894 20020801	MOLECULAR IMPRINTS INC [US]	H01L21/027; B29C59/02; B81C99/00; G03F1/00; G03F7/20	SCATTEROMETRY ALIGNMENT FOR IMPRINT LITHOGRAPHY
JP2011104592 A 20110602	JP20070091200 20070330; JP20070320556 20071212; JP20110051111 20110309	UNIV HOKKAIDO; SUMITOMO CHEMICAL CO [JP]	B01J23/652; B01J35/02; B01J37/34	TUNGSTEN OXIDE PHOTOCATALYST
JP2011105597 A 20110602	US20020429217P 20021126	CABOT CORP [US]	C01B13/34; C01B13/20; C01B13/30; C01B33/18	FUMED METAL OXIDE PARTICLE AND METHOD FOR PRODUCTION THEREOF
JP2011500310 A 20110106	US20070998197P 20071009; US20070986126P 20071107; US20070986318P 20071108; US20070986369P 20071108; WO2008US11615 20081009		B02C23/10; B02C23/14; B02C23/30; B03C1/00; B07B7/083; B07B9/00	ELASTOMER COMPOSITION WITH RECLAIMED FILLER MATERIALS

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JP2011500485 A 20110106	US20070979440P 20071012; WO2008US75090 20080903		C01F7/02; C09D17/00	ALUMINUM OXIDE DISPERSION AND METHOD OF PREPARING SAME
JP2011500488 A 20110106	AU20070905796 20071019; WO2008AU01543 20081017		C01B31/04	PROCESS FOR THE PREPARATION OF GRAPHENE
JP2011500491 A 20110106	DE200710049742 20071016; WO2008EP62833 20080925		C01B33/12; C01B37/02; C01G23/00	Verfahren zur Herstellung einer Titan-Silicium-Mischoxid enthaltenden Dispersion
JP2011500497 A 20110106	WO2007SG00354 20071017		C01B31/02; C08K9/00; C08L79/08; C08L101/02	COMPOSITE FILMS COMPRISING CARBON NANOTUBES AND POLYMER
JP2011500889 A 20110106	US20070979446P 20071012; WO2008US75093 20080903		C08J5/18; C08J5/08; C08K3/22; C08K9/06; C08L83/04	REINFORCED SILICONE RESIN FILM AND NANOFIBER-FILLED SILICONE COMPOSITION
JP2011500911 A 20110106	ZA20070008955 20071018; WO2008IB54246 20081016		C09C1/00; C08K9/04; C08L21/00; C09C3/08	MANUFACTURE OF COATED MATERIALS FOR USE AS ACTIVATORS IN SULPHUR VULCANIZATION
JP2011500916 A 20110106	WO2007SG00351 20071017		C08J3/16; C08G61/00; C08G65/08; C08G65/329; C09K11/06; G01N33/533; G01N33/545	WATER-SOLUBLE FLUORESCENT MATERIAL WITH BALANCED HYDROPHILICITY AND HYDROPHOBICITY
JP2011501076 A 20110106	US20070978024 20071026; WO2008US11768 20081015		F17C11/00; C01B3/00	HYDROGEN STORAGE SYSTEM
JP2011501419 A 20110106	US20070869954 20071010; WO2008US79412 20081009		H01L31/04	TYPE II QUANTUM DOT SOLAR CELLS

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JP2011501440 A 20110106	US20070980285P 20071016; WO2008US79898 20081015		H01L51/50	ORGANIC LIGHT-EMITTING DIODES WITH ELECTROPHOSPHORESCENT-COATED EMISSIVE QUANTUM DOTS
JP2011502037 A 20110120	KR20070123199 20071130; WO2008KR03053 20080530		B01J20/28; B01D53/02; B01J20/02; B01J20/06; B01J20/08; C01G31/02	GAS ADSORPTION MEDIUM AND GAS ADSORPTION PUMP APPARATUS USING THE SAME
JP2011502088 A 20110120	US20070680365 20070228; WO2008US53247 20080207		C01G49/08; C01G49/00; C01G49/06	METHODS OF MAKING METAL OXIDE NANOPARTICLES
JP2011502100 A 20110120	US20070981097 20071031; WO2008US12337 20081030		C04B35/16; C03B5/43	Low creep refractory ceramic and method of making
JP2011502920 A 20110127	FR20070007782 20071106; WO2008FR01560 20081106		C01B31/02; A61K51/00; C07C51/08; C07C63/48; G01T1/161	Radiolabelling of carbon nanotubes used as diagnostic tool by substituting surface carboxyl groups by radiolabelled nitrile groups to react nanotubes with radiolabelled cyanide and hydrolyzing nitrile group to react nanotubes with acid/bas
JP2011502936 A 20110127	AU20070906272 20071116; WO2008AU01688 20081114		C03C17/34; H01L31/04	PHOTO ELECTRODES
JP2011502937 A 20110127	EP20070022167 20071115; US20070996481P 20071120; WO2008EP09261 20081104		C01G23/07	PROCESS FOR THE MANUFACTURE OF RUTILE TITANIUM DIOXIDE POWDERS
JP2011502945 A 20110127	US20070988144P 20071115; WO2008US83492 20081114		C01B31/02; H01J1/304	PROTECTION OF CARBON NANOTUBES

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JP2011503243 A 20110127	US20060867366P 20061127; US20070945107 20071126; WO2007US85637 20071127		C09D11/00; C01B31/02	CARBON NANOTUBE INK
JP2011504446 A 20110210	FR20070008167 20071121; WO2008FR01627 20081120		C01B31/02	Preparing individual carbon nanotube aerogel, useful e.g. to prepare composite materials, comprises reducing carbon nanotubes, exposing polyelectrolyte salt to polar solvent, freezing solution of nanotubes and sublimation of solvent
JP2011504459 A 20110210	ES20070002615 20071005; WO2008ES70180 20081001		A61K33/24; A01N59/16; A01P3/00; A61K33/38; A61K45/00; A61P31/00; A61P31/04; A61P31/06; A61P31/08; A61P31/10; A61P43/00; B22F1/00; C02F1/50	USE OF ATOMIC QUANTUM CLUSTERS (AQC) AS ANTIMICROBIAL AGENTS AND BIOCIDES
JP2011505312 A 20110224	FI20070005767 20071030; WO2008FI50618 20081030		C01B31/02; B82B1/00; H01B1/04; H01G9/058; H01J1/304; H01L31/04	A DEPOSIT AND ELECTRICAL DEVICES COMPRISING THE SAME
JP2011505452 A 20110224	KR20070122640 20071129; WO2008KR07060 20081128		C09D4/00; B05D7/04; B05D7/24; C09D4/02; C09D7/12; G02B1/10	COATING COMPOSITION AND COATING FILM HAVING ENHANCED ABRASION RESISTANCE AND FINGERPRINT TRACES REMOVABILITY



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JP2011505465 A 20110224	US20070991294P 20071130; WO2008US84528 20081124		C09D127/12; B05D5/06; B05D7/24; C09D4/00; C09D5/00; C09D7/12; C09D183/07; G02B1/11	LOW REFRACTIVE INDEX COMPOSITION, ABRASION RESISTANT ANTI- REFLECTIVE COATING, AND METHOD FOR FORMING ABRASION RESISTANT ANTI- REFLECTIVE COATING
JP2011505476 A 20110224	DE200710058992 20071207; WO2008EP09969 20081125		C08J3/20; C01B31/02; C08G64/42; C08K9/00; C08L69/00	Verfahren zur Herstellung eines leitfähigen Polycarbonatverbundmaterial s
JP2011506239 A 20110303	KR20070126902 20071207; WO2008KR07166 20081204		C01G5/00	PROCESS FOR PREPARATION OF SILVER OXIDE
JP2011506244 A 20110303	DE200710059862 20071212; WO2008EP65777 20081118		C01B33/18; C01B33/12; C08K3/36; C08L21/00	Durch-und-durch hydrophobe Schülpfen aus pyrogen hergestelltem Siliziumdioxid
JP2011506255 A 20110303	DE200710062421 20071220; WO2008EP10419 20081209		C01B31/02; B01J23/889; B01J37/03; B01J37/06; B01J37/08	Verfahren zur Herstellung von Stickstoff-dotierten Kohlenstoffnanoröhrchen
JP2011506257 A 20110303	EP20070123325 20071217; WO2008EP67162 20081210		C04B35/043	Mixture and fire-resistant moulds made from the mixture or masses with high hydration resistance
JP2011506619 A 20110303	GB20070013351 20070710; WO2008US69391 20080708		C08L101/16; C01B25/32; C01F11/18; C08K3/26; C08K3/32	NANOPARTICULATE FILLERS
JP2011506647 A 20110303	CZ20070000865 20071211; WO2008CZ00146 20081208		C09D201/00; B01J21/06; B01J35/02; C09D5/16; C09D7/12	MULTIFUNCTIONAL PHOTOCATALYTIC AND SANITARY PAINTS AND THE METHOD OF APPLICATION THEREOF

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JP2011506797 A 20110303	US20070007881P 20071217; WO2008US87058 20081217		D01D5/18; D01D5/11; D04H1/72	CENTRIFUGAL SOLUTION SPUN NANOFIBER PROCESS
JP2011506916 A 20110303	US20070987902P 20071114; WO2008US79786 20081014		G01N21/64; B29C33/38; B82B3/00; G01N21/01; G01N21/27; G01N21/65	METHOD OF MAKING MICROARRAYS
JP2011508058 A 20110310	US20070017463P 20071228; WO2008US86951 20081216		C08F2/44	COPOLYMERS OF NANOPARTICLES, VINYL MONOMERS AND SILICONE
JP2011508070 A 20110310	FR20070008107 20071119; WO2008FR52076 20081118		B22F1/02; A61F7/00; B82B3/00	PROCEDE DE FABRICATION DE NANOPARTICULES METALLIQUES ENROBEES DE SILICE
JP2011508072 A 20110310	IE20070000931 20071221; US20080136808P 20081006; IE20080000804 20081006; WO2008IE00124 20081222		B22F9/24; B22F1/00	A PROCESS FOR PREPARING NANOPARTICLES
JP2011508189 A 20110310	FR20070008739 20071214; WO2008EP67145 20081209		G01Q70/12; B82B3/00; C01B31/02	PROCEDE DE FABRICATION COLLECTIVE DE NANOFIBRES DE CARBONE A LA SURFACE DE MICROMOTIFS ELABORES A LA SURFACE D'UN SUBSTRAT ET STRUCTURE COMPRENANT DES NANOFIBRES A LA SURFACE DE MICROMOTIFS

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JP2011508680 A 20110317	US20070992179P 20071204; US20080326709 20081202; WO2008US13352 20081204		B32B27/06; B29C59/02; B32B27/38; C08G59/20; C08J5/12; H01L21/027	Ultra-thin Polymeric Adhesion Layer
JP2011508686 A 20110317	US20070014574P 20071218; US20080336821 20081217; WO2008US13827 20081218		B29C59/02; H01L21/027	Contact Angle Attenuations on Multiple Surfaces
JP2011508716 A 20110317	US20070016420P 20071221; WO2008US87850 20081219		C01B31/02; H01L51/42	ORGANIC PHOTOVOLTAIC DEVICES COMPRISING FULLERENES AND DERIVATIVES THEREOF AND IMPROVED METHODES OF MAKING FULLERENE DERIVATIVES
JP2011508809 A 20110317	CN20071305309 20071226; WO2008US86760 20081215		C09D5/02; B05D5/00; B05D7/24; C09D7/12; C09D201/00; C09K3/00	REMOVABLE ANTIFOGGING COATINGS, ARTICLES, COATING COMPOSITIONS, AND METHODS
JP2011508811 A 20110317	US20070017474P 20071228; WO2008US87641 20081219		C08F290/06; C09D5/20; C09D143/04; C09D151/08; C09D183/10	COPOLYMERS OF NANOPARTICLES, VINYL MONOMERS AND SILICONE
JP2011508980 A 20110317	US20070968159 20071231; WO2008US88586 20081230		H01L27/105; H01L45/00; H01L49/00; H01L51/05; H01L51/30; H01L51/40	MEMORY CELL WITH PLANARIZED CARBON NANOTUBE LAYER AND METHODS OF FORMING THE SAME
JP2011509191 A 20110324	EP20070016702 20070825; WO2008EP06866 20080821		B32B5/16; B32B7/02; B32B15/04; G03G7/00	Optically and thermally writeable nano coating
JP2011509230 A 20110324	GB20070015164 20070806; WO2008GB50655 20080804		C01B31/02	METHOD AND APPARATUS FOR MANUFACTURING A COMPOSITE MATERIAL

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JP2011514439 A 20110506	EP20080101212 20080201; WO2009EP50911 20090128		C25D15/02; B82B1/00; C01B31/02; C25D9/02; C25D13/08	Electropolymerizable surfactant for dispersing carbon nanotubes
JP2011514672 A 20110506	US20080035963 20080222; WO2009US34852 20090223		H01L21/027; G03F7/20	IMMERSION LITHOGRAPHY USING HAFNIUM-BASED NANOPARTICLES
JP2011515567 A 20110519	US20080039232P 20080325; WO2009US38273 20090325		C09B67/08; C09B63/00; C09B67/20; C09B67/46; C09D11/00	SILICA ENCAPSULATED ORGANIC NANOPIGMENTS AND METHOD OF MAKING SAME
JP2011517300 A 20110602	US20080032632P 20080229; WO2009EP52397 20090227		B82B1/00; B82B3/00; G01N21/27; G01N21/65	FABRICATION OF CONDUCTING OPEN NANOSHELLS
JP4612257B2 B2 20110112	JP19990162451 19990609; WO2000JP03680 20000607		C09D17/00; C09C1/56; C09D11/00	AQUEOUS PIGMENT DISPERSION AND PROCESS FOR PRODUCING THE SAME
JP4617479B2 B2 20110126	JP20040271645 20040917; WO2005JP17549 20050916		H01B13/00; C01B31/02; H01B5/14	Transparent Conductive Carbon Nanotube Film and a Method for Producing the Same
JP4621896B2 B2 20110126	JP20040219346 20040727; JP20040333683 20041117; JP20050063704 20050308; WO2005JP14239 20050727		C01B31/02; G02B1/04; H01B1/04; H01L21/28; H01L21/3205; H01L23/52; H01M4/587; H01M4/86; H01M4/96	SINGLE-LAYER CARBON NANOTUBE AND ALIGNED SINGLE-LAYER CARBON NANOTUBE BULK STRUCTURE, AND THEIR PRODUCTION PROCESS, PRODUCTION APPARATUS AND USE
JP4635103B2 B2 20110223	WO2008JP52153 20080208		C08L29/14; C01B31/02; C08K3/04	CARBON NANOTUBE DISPERSION AND UTILIZATION OF SAM

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JP4641316B2 B2 20110302	JP20050121363 20050419; WO2006JP308244 20060419		C04B35/00; C04B35/101	REFRACTORY AND METHOD FOR PRODUCTION THEREOF, AND RAW MATERIAL FOR REFRACTORY
JP4642658B2 B2 20110302	JP20030031508 20030207; WO2004JP01348 20040209		C01B31/02	Process for producing monolayer carbon nanotube with uniform diameter
JP4642779B2 B2 20110302	JP20040351330 20041203; WO2005JP22028 20051121		B22F1/02; B22F9/24; G01N33/543; G01N33/547; G01N33/551	Process for producing stabilized gold nanoparticles, stabilized gold nanoparticles obtained by the process, and use of the stabilized gold nanoparticles
JP4654425B2 B2 20110323	JP20080187742 20080718; WO2009JP62790 20090715		C01B31/02; C08K3/04; C08L21/00	CARBON NANOPRECURSOR, METHOD FOR PRODUCING THE SAME, CARBON NANOCOMPOSITE AND METHOD FOR PRODUCING THE SAME
JP4666269B2 B2 20110406	JP20060183549 20060703; JP20070018745 20070130; WO2007JP61106 20070531		H01G4/12; C04B35/46; H01G4/40	MONOLITHIC SEMICONDUCTOR CERAMIC CAPACITOR HAVING VARISTOR FUNCTION AND METHOD FOR MANUFACTURING MONOLITHIC SEMICONDUCTOR CERAMIC CAPACITOR

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JP4670640B2 B2 20110413	JP20030340984 20030930; WO2004JP13851 20040922		C01B31/02; B82B1/00; B82B3/00; H01L29/06; H01L51/30	METHOD OF PRODUCING A CARBON NANOTUBE AND A CARBON NANOTUBE STRUCTURE
JP4672653B2 B2 20110420	JP20040094960 20040329; WO2005JP06519 20050328		B01J37/34; B01J37/02; C01B31/02; H01J1/304; H01J9/02	Method of Selectively Applying Carbon Nanotube CatalysT
JP4673623B2 B2 20110420	JP20020237229 20020816; JP20030037435 20030214; WO2003JP10399 20030818		H01M4/88; H01M4/86; H01M4/92; H01M8/10	Electrode for fuel cell, fuel cell including the electrode and process for producing the same
JP4674304B2 B2 20110420	JP20030339642 20030930; WO2004JP14094 20040927		C01B31/02; B01J31/16; B01J31/22	METHOD AND APPARATUS FOR PRODUCING CARBON NANOTUBE
JP4674355B2 B2 20110420	WO2004JP08181 20040604		C01B31/02; D01F9/127	HIGHLY EFFICIENT PROCESS FOR PRODUCING CARBON NANOSTRUCTURE THROUGH RAW MATERIAL BLASTING AND APPARATUS TEHREFOR
JP4684507B2 B2 20110518	GB19990015703 19990705; GB20000011420 20000511; WO2000EP06238 20000703		G01N21/64; G01N21/55; G01N21/78	SENSOR PLATFORM, APPARATUS INCORPORATING THE PLATFORM, AND PROCESS USING THE PLATFORM

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JP4688792B2 B2 20110525	JP20040044759 20040220; WO2005JP02490 20050217; JP20060510228 20050217		C12N15/09; C12M1/00; C12M1/34; C12Q1/68; G01N33/53; G01N33/566; G01N37/00	DNA ARRAY FOR ANALYZING DNA METHYLATION, METHOD OF CONSTRUCTING THE SAME AND MEHTD OF ANALYZING DNA METHYLAION
JP4689045B2 B2 20110525	US19990115735P 19990112; WO2000US00753 20000112		C01B31/30; C04B38/00; B01J27/22; B01J27/224; B01J32/00; B01J35/10; C01B31/02; C10G45/04; C10G45/10; C10G45/46; C10G45/52; C10G45/62; C10G47/02; C10G47/14; C30B23/00	CARBIDE AND OXYCARBIDE BASED COMPOSITIONS AND NANORODS
JP4689624B2 B2 20110525	US20030750141 20031231; WO2004US43364 20041224		C01B31/02; B01J23/28; B01J35/02; B01J37/02; B01J37/34; B82B3/00; D01F9/127	Methods of producing carbon nanotubes using peptide or nucleic acid micropatterning
JP4691014B2 B2 20110601	US20030450566P 20030226; WO2004US06022 20040226		C12N15/09; C12M1/00; C12Q1/68; G01N33/53; G01N33/543; G01N33/566; G01N37/00	RANDOM ARRAY DNA ANALYSIS BY HYBRIDIZATION
JP4691625B2 B2 20110601	JP20030081651 20030324; WO2004JP03988 20040323; JP20050504069 20040323		C01B31/02; B82B3/00	HIGH-EFFICIENCY SYNTHETIC METHOD FOR CARBON NANOSTRUCTURE, APPARATUS AND CARBON NANOSTRUCTURE
JP4695089B2 B2 20110608	US20030680872 20031007; WO2004US30659 20040920		C01G5/00; B82B1/00; B82B3/00; C01G3/02; C09D11/00; H01B1/00; H01B1/20	Nanosized silver oxide power

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JP4697808B2 B2 20110608	FR20030005619 20030509; WO2004FR01038 20040429		C01G23/02; B01J27/135; B01J35/00; B01J35/02; C01G23/053	Production of titanium aquo-oxo chloride useful for making semiconductor components or photocatalysts comprises hydrolyzing titanium oxychloride under defined conditions
JP4698023B2 B2 20110608	US19980075641P 19980223; WO1999US03807 19990222		G01N33/53; B01J19/00; C07B61/00; C07H21/00; C08K3/00; C12M1/34; C12N15/09; C12Q1/68; G01N21/05; G01N21/17; G01N37/00; G02B26/08; G03F7/20	METHOD AND APPARATUS FOR SYNTHESIS OF ARRAYS OF DNA PROBES
JP4699388B2 B2 20110608	JP20040365363 20041217; WO2005JP22828 20051213; JP20060548843 20051213		H05K9/00; C08K3/04; C08L83/04	DIELECTRIC RAW MATERIAL, ANTENNA DEVICE, PORTABLE PHONE AND ELECTROMAGNETIC WAVE SHIELDING BODY
JP4701161B2 B2 20110615	US20030459989P 20030404; US20030472721P 20030523; US20030512771P 20031021; US20030524891P 20031126; WO2004GB00037 20040107		C30B29/62; B82B3/00; C30B11/00; C30B25/02; C30B29/40; C30B29/60; H01L21/027	PRECISELY POSITIONED NANOWHISKERS AND NANOWHISKER ARRAYS AND METHOD FOR PREPARING THEM
JP4702754B2 B2 20110615	JP20060027935 20060206; WO2007JP52291 20070202; JP20070557900 20070202		C01B31/02; A61K47/48	SUBSTANCE-ENCAPSULATED CARBON NANOHORN COMPLEX AND PRODUCING METHOD THEREOF
JP4703182B2 B2 20110615	GB20020016654 20020717; WO2003GB03086 20030716		C01B31/02	CVD SYNTHESIS OF CARBON NANOTUBES



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JP4704563B2 B2 20110615	US19980141397 19980827; WO1999US19522 19990826		C01B31/02; H01B5/00; B22F1/00; B22F9/02; B22F9/24; C09D11/02; C22C29/00; C22C32/00; H01B1/02; H01B1/04; H01B1/20; H01M4/88; H01M4/90; H01M4/92; H01M8/10; H01M12/06	METAL-CARBON COMPOSITE POWDERS, METHODS FOR PRODUCING POWDERS AND DEVICES FABRICATED FROM SAME
JP4704566B2 B2 20110615	US19980105399P 19981023; WO1999US24782 19991022		B22F9/04; C09C1/62; B22F1/00; C09C3/06; C09C3/10; C09D5/36; C09D7/12; C23C14/00	PROCESS FOR MAKING METAL FLAKES
JP4704571B2 B2 20110615	US19990122941P 19990305; WO2000US05742 20000303		C09B69/00; B41J2/01; B41M5/00; C09B67/04; C09B67/08; C09B67/20; C09C1/00; C09C1/20; C09C1/36; C09C3/00; C09D11/00	PROCESS FOR PREPARING COLORED PIGMENTS
JP4706479B2 B2 20110622	JP20030012088 20030121; WO2004JP00265 20040116; JP20050508038 20040116		H01G4/12; C01G29/00; C30B29/22; H01B3/12; H01G4/30; H01G4/33; H01L21/822; H01L27/04	COMPOSITION FOR THIN FILM CAPACITANCE ELEMENT, INSULATING FILM OF HIGH DIELECTRIC CONSTANT, THIN FILM CAPACITANCE ELEMENT, THIN FILM LAMINATED CAPACITOR AND METHOD FOR MANUFACTURING THIN FILM CAPACITANCE ELEMENT

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JP4707909B2 B2 20110622	DE19991030335 19990702; WO2000EP05813 20000623		A61K8/00; A61K8/24; A61K6/033; A61K8/04; A61K8/21; A61K8/64; A61K8/65; A61L24/00; A61L27/34; A61L27/46; A61Q11/00; C08L89/00; C08L89/06	Kompositmaterialien aus Calciumverbindungen und Proteinkomponenten
JP4708790B2 B2 20110622	FR20020011302 20020912; WO2003FR02692 20030911		C04B35/80; D04H1/46; B29C70/10; B29C70/24; B32B1/00; B32B1/06; B32B5/26; B82B1/00; B82B3/00; C01B31/02; C04B35/622; C04B35/83; D01F9/127; D01F11/10; D01F11/16; D04H13/00; D06M11/00; D06M11/65; F16D69/02	STRUCTURE FIBREUSE TRIDIMENSIONNELLE EN FIBRES REFRACTAIRES, PROCEDE POUR SA REALISATION ET APPLICATION AUX MATERIAUX COMPOSITES THERMOSTRUCTURAUX.
JP4709142B2 B2 20110622	GB20030013432 20030611; WO2004GB02480 20040610		C01G9/02; A61K8/04; A61K8/27; A61K8/29; A61Q17/04; C09C1/04	ZINC OXIDE
JP4710048B2 B2 20110629	JP20030115199 20030421; WO2004JP05748 20040421; JP20050505772 20040421		C01B3/24; B01J7/00; B01J10/00; B01J19/08; B01J19/10; B01J20/20; C01B3/22; C01B3/34; H01M8/06; H05H1/24	HYDROGEN GENERATOR AND HYDROGEN GENERATING METHOD
JP4711599B2 B2 20110629	EP20000870191 20000906; WO2001BE00140 20010821		C01B31/02	Short carbon nanotubes and method for the production thereof
JP4711680B2 B2 20110629	US20020393494P 20020703; WO2003US21301 20030703		C01B31/02; B01D39/06; B01D46/00; B01D51/00	SEPARATION AND PURIFICATION OF FULLERENES

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JP4712030B2 B2 20110629	GB20040007642 20040402; WO2005GB01054 20050322		G02F1/167; G02B26/02; G02B26/08; G02F1/17; G09F9/37	ELECTROWETTING DISPLAY ELEMENT
JP4714881B2 B2 20110629	JP20040253280 20040831; WO2005JP15773 20050830; JP20060532724 20050830		H01L29/06; B82B1/00; B82B3/00; H01L51/05; H01L51/40	Molecular Device and Manufacturing Method for the Same
KR101013231B B1 20110210	KR20047003835 20020910		C23C16/455; B82Y30/00	METAL NITRIDE DEPOSITION BY ALD WITH REDUCTION PULSE
KR101016763B B1 20110225	KR20047011974 20030213		B82B3/00; B01J29/14; B82Y40/00	PROCESS FOR PRODUCING SINGLE- WALLED CARBON NANOTUBE
KR101018182B B1 20110228	KR20057001155 20030717		F16D23/14; B82Y40/00	RELEASE BEARING AND METHOD FOR APPLYING A COATING TO A RELEASE BEARING
KR101020388B B1 20110308	KR20047021344 20030618		H05K9/00; B82Y30/00	MAGNETIC SHIELDING FOR ELECTRONIC CIRCUITS WHICH INCLUDE MAGNETIC MATERIALS
KR101040052B B1 20110609	JP20100272070 20101206	UNIV SHINSHU [JP]; TOPTEC CO LTD [KR]	D01D5/00; D01D4/00	AN ELECTROSPINNING DEVICE AND AN APPARATUS FOR MANUFACTURING NANO- FIBER
KR101040055B B1 20110609	JP20100272071 20101206	UNIV SHINSHU [JP]; TOPTEC CO LTD [KR]	D01D5/00; D01D13/00	AN ELECTROSPINNING DEVICE AND AN APPARATUS FOR MANUFACTURING NANO- FIBER

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KR101040057B B1 20110609	JP20100272073 20101206	UNIV SHINSHU [JP]; TOPTEC CO LTD [KR]	D01D5/00; D01D4/00; D01D13/00	AN APPARATUS FOR MANUFACTURING NANO- FIBER
KR101040059B B1 20110609	JP20100272074 20101206	UNIV SHINSHU [JP]; TOPTEC CO LTD [KR]	D01D5/00; D01D4/06; D01D13/00	AN APPARATUS FOR MANUFACTURING NANO- FIBER AND THE METHOD FOR MANUFACTURING NANO-FIBER
KR101040060B B1 20110613	JP20100272076 20101206	UNIV SHINSHU [JP]; TOPTEC CO LTD [KR]	D01D5/00; D01D4/00; D01D13/00	AN APPARATUS FOR MANUFACTURING NANO- FIBER
KR101040063B B1 20110609	JP20100272078 20101206	UNIV SHINSHU [JP]; TOPTEC CO LTD [KR]	D01D5/00; D01D4/00; D01D13/00	AN APPARATUS FOR MANUFACTURING NANO- FIBER
KR101040064B B1 20110609	JP20100272079 20101206	UNIV SHINSHU [JP]; TOPTEC CO LTD [KR]	D01D5/00; D01D13/00; D04H3/16	AN APPARATUS FOR MANUFACTURING NANO- FIBER AND THE METHOD FOR MANUFACTURING NANO-FIBER
KR101040446B B1 20110609	KR20047016405 20030414		C23C16/18; B82Y30/00; C23C16/40	SYSTEM FOR DEPOSITING A FILM ONTO A SUBSTRATE USING A LOW VAPOR PRESSURE GAS PRECURSOR
KR20110003504 A 20110112	US20080040329P 20080328	3M INNOVATIVE PROPERTIES CO [US]	C08K9/04; B82B3/00; C08K3/00; C08L101/00	FILLED RESINS AND METHOD FOR MAKING FILLED RESINS
KR20110004890 A 20110114	JP20080120069 20080502	POLA CHEM IND INC [JP]	C01G23/04; A61K8/29; A61K8/36; A61Q17/04	TITANIA FINE-PARTICLE COMPOSITE AND COMPOSITONS COANTINING THE TITANIA FINE-PARTICLE COMPOSITE

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KR20110007612 A 20110124	US20080114173 20080502	MICRON TECHNOLOGY INC [US]	B82B3/00; B81C1/00	GRAPHOEPIITAXIAL SELF-ASSEMBLY OF ARRAYS OF HALF-CYLINDERS FORMED ON A SUBSTRATE
KR20110008163 A 20110126	EP20080151524 20080215	TNO [NL]	H01L51/52; H05B33/04	ENCAPSULATED ELECTRONIC DEVICE AND METHOD OF MANUFACTURING
KR20110009132 A 20110127	DE200810017747 20080407	EVONIK DEGUSSA GMBH [DE]	C01B33/193; C01B33/12; C08K3/36; C09C1/30	PRECIPITATED SILICIC ACIDS AS A REINFORCEMENT FILLER FOR ELASTOMER MIXTURES
KR20110009161 A 20110127	US20080045667P 20080417	NEURO SIGNALING FOUNDATION [US]	A61N1/00; A61N1/14	HYBRID SCIENTIFIC COMPUTER SYSTEM FOR PROCESSING CANCER CELL SIGNALS AS MEDICAL THERAPY
KR20110010799 A 20110207	JP20080134731 20080522	IDEMITSU KOSAN CO [JP]	C23C14/34; B22F3/12; C23C14/08; H01L29/786	SPUTTERING TARGET, METHOD FOR FORMING AMORPHOUS OXIDE THIN FILM USING THE SAME, AND METHOD FOR MANUFACTURING THIN FILM TRANSISTOR
KR20110011752 A 20110208	GB20020029810 20021220	HUNTSMAN ADV MAT SWITZERLAND [CH]	C08K3/04; C08K3/34; C08K9/04	FLAME RETARDANT POLYMER COMPOSITIONS
KR20110013377 A 20110209	US20080041605P 20080402	DU PONT [US]	H01L51/30	AN ELECTRONIC DEVICE UTILIZING FLUORINATED CARBON NANOTUBES

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KR20110013560 A 20110209	KR20110006033 20110120	UNIV SUNGKYUNKWAN FOUND [KR]	H01L29/786	ORGANIC PYROELECTRIC SENSORS INTEGRATED IN THIN-FILM TRANSISTORS AND THE METHOD FOR PRODUCING THE SAME
KR20110014258 A 20110210	KR20110008340 20110127	UNIV SUNGKYUNKWAN FOUND [KR]	B82B3/00; H01L21/20	METHODS FOR FORMING NANO DEVICES USING NANOSTRUCTURES HAVING SELF ASSEMBLY CHARACTERISTICS
KR20110015572 A 20110216	US20080047849P 20080425	3M INNOVATIVE PROPERTIES CO [US]	C09C1/00; C09C1/04; C09C1/24; C09C1/30	PROCESS FOR THE SURFACE MODIFICATION OF PARTICLES
KR20110016445 A 20110217	DE200810028070 20080612	BAYER TECHNOLOGY SERVICES GMBH [DE]	B01J21/18; C07C209/36	CATALYST AND PROCESS FOR HYDROGENATING ORGANIC COMPOUNDS
KR20110017851 A 20110222	JP20080121597 20080507	IDEMITSU KOSAN CO [JP]	C08L69/00; C08J5/00; C08K3/04; C08K7/24	AROMATIC POLYCARBONATE RESIN COMPOSITION AND MOLDED BODY THEREOF
KR20110018433 A 20110223	EP20080012949 20080717	GORE W L & ASS GMBH [DE]	C08J7/04; B32B27/08; C08G65/323; C09D171/08	POLYMER COATINGS COMPRISING A COMPLEX OF AN IONIC FLUOROPOLYETHER AND A COUNTER IONIC AGENT
KR20110018498 A 20110224	KR20090075989 20090818	KOREA ELECTRIC POWER CORP [KR]	C10M125/04; B82B3/00	PREPARATION METHOD OF LUBRICATING OIL AND LUBRICATING OIL PRODUCED THEREBY

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KR20110020303 A 20110302	EP20080012948 20080717	GORE W L & ASS GMBH [DE]	C08J7/04; C08J7/16; C08L27/12; C09D127/12	SUBSTRATE COATING COMPRISING A COMPLEX OF AN IONIC FLUOROPOLYMER AND SURFACE CHARGED NANOPARTICLES
KR20110020837 A 20110303	JP20080159788 20080618	SHOWA DENKO KK [JP]	D01F9/127; B01J23/882; B01J23/887	METHOD FOR PRODUCING CARBON FIBER
KR20110020838 A 20110303	JP20080159789 20080618	SHOWA DENKO KK [JP]	D01F9/127; B01J23/76; B01J23/847; B01J23/887	CARBON FIBER AND CATALYST FOR PRODUCTION OF CARBON FIBER
KR20110022054 A 20110304	US20090473803 20090528; US20080061806P 20080616	MASSACHUSETTS INST TECHNOLOGY [US]	B05D5/00; B05D1/36; B82B1/00; B82B3/00	COATINGS
KR20110022684 A 20110307	JP20080162428 20080620; JP20080162450 20080620	OSAKA GAS CO LTD [JP]	C01G23/047; C01G23/053; H01L31/04; H01M14/00	TITANIUM OXIDE STRUCTURE AND POROUS TITANIUM OXIDE COMPOSITION
KR20110025656 A 20110310	JP20080159790 20080618	SHOWA DENKO KK [JP]	C01B31/02; B01J23/76; B01J23/85; D01F9/127	CARBON NANOFIBER, PRODUCING METHOD AND USE OF THE SAME
KR20110027689 A 20110316	JP20080163688 20080623	TOKUYAMA CORP [JP]	C01B31/02; B01J20/20; C01B3/00	POROUS CARBON MATERIAL AND PROCESS FOR PRODUCTION THEREOF
KR20110027715 A 20110316	JP20080170445 20080630	SHOWA DENKO KK [JP]	C01B31/02; B01J8/18; B82B3/00	PROCESS FOR PRODUCING CARBON NANOMATERIAL AND SYSTEM FOR PRODUCING CARBON NANOMATERIAL

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KR20110027723 A 20110316	DE200810031579 20080703	BAYER MATERIALSCIENCE AG [DE]	D01F11/12; D01F9/12; D06M11/64	A HIGHLY EFFICIENT GAS PHASE METHOD FOR MODIFICATION AND FUNCTIONALIZATION OF CARBON NANOFIBRES WITH NITRIC ACID VAPOUR
KR20110027752 A 20110316	JP20080175194 20080704	HODOGAYA CHEMICAL CO LTD [JP]	D01F9/127; C01B31/02; C08J5/04; D01F9/12	CARBON FIBER AND COMPOSITE MATERIAL
KR20110027842 A 20110316	JP20080205919 20080808; JP20080216827 20080826; JP20080216828 20080826; JP20090059737 20090312	TOSHIBA KK [JP]	C01B31/02; B82B3/00	NANOCARBON GENERATION DEVICE
KR20110029390 A 20110323	KR20090087045 20090915	HANSEO UNIVERSITY ACADEMIC COOPERATION FOUNDATION [KR]	B01J20/285; B82B3/00	A PRODUCTION METHOD OF POLYMER NANO COMPOSITE FABRICATED OVER MESOPOROUS MATERIALS
KR20110030556 A 20110323	JP20080171771 20080630	DOWA ELECTRONICS MATERIALS CO [JP]	B22F1/00; B22F1/02; B22F9/24; H01B1/22	METAL MICROPARTICLE CONTAINING COMPOSITION AND PROCESS FOR PRODUCTION OF THE SAME
KR20110030602 A 20110323	EP20080160711 20080718	EVONIK DEGUSSA GMBH [DE]	C09C1/30; C09D7/12	DISPERSION OF HYDROPHOBICIZED SILICON DIOXIDE PARTICLES AND GRANULES THEREOF
KR20110030603 A 20110323	EP20080160715 20080718	EVONIK DEGUSSA GMBH [DE]	C09C1/30; C08K3/36; C09J11/02; G03G9/097	PROCESS FOR PREPARING REDISPERSIBLE SURFACE-MODIFIED SILICON DIOXIDE PARTICLES



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KR20110031121 A 20110324	KR20090088738 20090918	AMOGREENTECH CO LTD [KR]	B82B3/00; B22F9/16	METHOD AND APPARATUS FOR MANUFACTURING METAL NANO-PARTICLES USING ALTERNATING CURRENT ELECTROLYSIS
KR20110031240 A 20110324	JP20080185834 20080717	NISSAN CHEMICAL IND LTD [JP]	C01G30/02; B01J13/00; C01G3/00	DISPERSION SOL OF ANHYDROUS ZINC ANTIMONATE COLLOIDAL PARTICLES IN HYDROPHOBIC ORGANIC SOLVENT AND PROCESS FOR PRODUCTION OF SAME
KR20110032999 A 20110330	KR20090090634 20090924	KOREA ADVANCED INST SCI & TECH [KR]	B82B3/00; H01L21/02	3-DIMENSIONAL NANO STRUCTURES COMPOSED OF NANO MATERIALS GROWN ON MECHANICALLY COMPLIANT GRAPHENE FILMS AND METHOD FOR PREPARING THE SAME
KR20110033254 A 20110330	US20080165765 20080701	3M INNOVATIVE PROPERTIES CO [US]	G02B1/11; B82B1/00; C08K3/00; G02B5/00	FLEXIBLE HIGH REFRACTIVE INDEX ANTIREFLECTIVE FILM
KR20110033874 A 20110331	US20030617452 20030711; US20020429829P 20021127; US20030486076P 20030710	UNIV ST LOUIS [US]	H01M8/16; C12N11/08; C12Q1/00; C12Q1/32; H01M4/90	ENZYME IMMOBILIZATION FOR USE IN BIOFUEL CELLS AND SENSORS
KR20110035033 A 20110406	KR20090092577 20090929	UNIV KYUNG HEE UNIV IND COOP [KR]	H01L21/208	FABRICATION METHOD OF FLEXIBLE BOARD
KR20110036543 A 20110407	US20080060102P 20080609; US20080105295P 20081014	SAMSUNG ELECTRONICS CO LTD [KR]; TOKYO ELECTRON LTD [JP]	H01B13/00; G06F3/041; H01B1/04; H01L31/0224	IMPROVED CNT/TOPCOAT PROCESSES FOR MAKING A TRANSPLANT CONDUCTOR

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KR20110036721 A 20110408	KR20090073152 20090810	BARO TECH CO LTD N [KR]	C01B31/02; B82B3/00	METHOD AND APPARATUS FOR MANUFACTURING NANO-SIZE GRAPHENE-BASED MATERIAL
KR20110039568 A 20110419	US20090460993 20090727; US20080084140P 20080728	BATTELLE MEMORIAL INSTITUTE [US]	C01B31/02; C01B31/04; H01M4/583; H01M10/00	NANOCOMPOSITE OF GRAPHENE AND METAL OXIDE MATERIALS
KR20110040795 A 20110420	KR20110018688 20110302	KOREA MACH & MATERIALS INST [KR]	D06M11/83; D06M10/06	A COMPOSITE MATERIAL WITH MULTI-FUNCTIONAL HYBRID FIBER BY SIMULTANEOUS MULTI-COMPONENT DEPOSITION
KR20110043703 A 20110427	FR20080004676 20080822	RHODIA OPERATIONS [FR]	C09K3/14; C01F17/00; C09G1/02	LIQUID SUSPENSION AND POWDER OF CERIUM OXIDE PARTICLES, METHODS FOR MAKING THE SAME AND USES THEREOF IN POLISHING
KR20110043754 A 20110427	EP20080162286 20080813	BASF SE [DE]	C01G9/02; A61K8/27; C08K3/22; C09C1/04	PROCESS FOR THE PREPARATION OF NANOPARTICULATE ZINC OXIDE
KR20110049923 A 20110512	US20020387919P 20020613	CIMA NANO TECH ISRAEL LTD [IL]	C09D11/00; B82B3/00; C09D5/24; C09D5/38; C09D7/12; C09D101/10; C09D175/02; C09D201/00; C23C24/08; C23C30/00; H01B1/20; H01B1/22	A METHOD FOR THE PRODUCTION OF CONDUCTIVE AND TRANSPARENT NANO-COATINGS AND NANO-INKS AND NANO-POWDER COATINGS AND INKS PRODUCED THEREBY

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KR20110050422 A 20110513	US20080078924P 20080708	SANDISK 3D LLC [US]	H01L45/00; C23C14/06; G11C13/02	CARBON-BASED RESISTIVITY-SWITCHING MATERIALS AND METHODS OF FORMING THE SAME
KR20110050454 A 20110513	DE200810038523 20080820	BAYER MATERIALSCIENCE AG [DE]	B82B3/00; B29C47/00	METHOD FOR PRODUCING COMPOSITE MATERIALS HAVING REDUCED RESISTANCE AND COMPRISING CARBON NANOTUBES
KR20110050523 A 20110513	US20080090125P 20080819; US20090153873P 20090219; US20090178136P 20090514; US20090180505P 20090522; US20090185640P 20090610; US20090187071P 20090615; US20090187130P 20090615	UNIV RICE WILLIAM M [US]	B82B3/00; C01B31/02; H01B1/04	PREPARATION OF GRAPHENE NANORIBBONS FROM CARBON NANOTUBES
KR20110055733 A 20110525	JP20080266647 20081015	CATALER CORP [JP]	C01B31/02; H01G9/058; H01M4/583; H01M10/052	CARBON MATERIAL, AND STORAGE ELEMENT
KR20110057141 A 20110531	US20080129994P 20080805	AGENCY SCIENCE TECH & RES [SG]	B82B1/00; B82B3/00; C09K11/58; G01N21/64	METHODS, COMPOSITIONS, AND ARTICLES COMPRISING STABILIZED GOLD NANOCLUSTERS
KR20110057254 A 20110531	FR20080057173 20081022; FR20090051843 20090323; US20090235471P 20090820	ARKEMA FRANCE [FR]	C08K3/04; C08J3/22; C08J5/00; C08L77/00	METHOD FOR PREPARING A THERMOPLASTIC COMPOSITE MATERIAL CONTAINING NANOTUBES, PARTICULARLY CARBON NANOTUBES

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KR20110057256 A 20110531	JP20080278869 20081029	UNIV TOKYO [JP]; DAINIPPON SCREEN MFG [JP]	C01B31/02; B82B3/00; G02F1/13357	METHOD FOR FORMING CARBON NANOTUBE
KR20110057267 A 20110531	JP20080274688 20081024	KURARAY CO [JP]	C01B31/02; B82B3/00; H01B1/20	METHOD FOR PRODUCING METALLIC CARBON NANOTUBE, CARBON NANOTUBE DISPERSION LIQUID, CARBON NANOTUBE-CONTAINING FILM, AND TRANSPARENT CONDUCTIVE FILM
KR20110058768 A 20110601	JP20080213717 20080822	UNIV TOKYO [JP]	C01B33/152; B82B3/00; C01B33/158	SILICA NANOPARTICLE STRUCTURE AND PROCESS FOR PRODUCTION OF SAME
KR20110059759 A 20110603	US20080095352P 20080909	SUN CHEMICAL CORP [US]	B82B3/00; B01F17/00; C08J3/02	CARBON NANOTUBE DISPERSIONS
KR20110061519 A 20110609	KR20110035172 20110415	UNIV SUNGKYUNKWAN FOUND [KR]	H01L29/786	ORGANIC PYROELECTRIC SENSORS INTEGRATED IN THIN-FILM TRANSISTORS AND THE METHOD FOR PRODUCING THE SAME
KR20110063462 A 20110610	JP20080238853 20080918	NITTO DENKO CORP [JP]	C01B31/02; B82B1/00; H01B1/04	CARBON NANOTUBE AGGREGATE
KR20110063501 A 20110610	JP20080254823 20080930	TOPPAN PRINTING CO LTD [JP]	C01B31/02; B82B3/00	NANO-CARBON MATERIAL COMPOSITE SUBSTRATE AND METHOD FOR MANUFACTURING SAME
KR20110064300 A 20110615	KR20090120820 20091207	SAMSUNG ELECTRONICS CO LTD [KR]; UNIV YONSEI IACF [KR]	B82B3/00	METHOD OF FABRICATING SEMICONDUCTOR DEVICE AND SEMICONDUCTOR DEVICE FABRICATED BY THE SAME

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KR20110066948 A 20110617	JP20080274889 20081024	NIPPON STEEL CORP [JP]; DENKI KAGAKU KOGYO KK [JP]	C04B35/66; C04B7/32; F27D1/00; F27D1/16	BINDER FOR UNSHAPED REFRACTORY, AND UNSHAPED REFRACTORY
KR20110069128 A 20110622	DE200810050692 20081007	SUED CHEMIE AG [DE]	C01G23/00; H01M4/485; H01M10/052	CARBON-COATED LITHIUM TITANIUM SPINEL
KR20110069836 A 20110623	US20080102589P 20081003	LIFE TECHNOLOGIES CORP [US]	B82B3/00; H01L21/00	METHODS FOR PREPARING NANOCRYSTALS USING ELECTRON TRANSFER AGENTS
KR20110071021 A 20110627	JP20090012542 20090123	ALPS GREEN DEVICES CO LTD [JP]	C22C45/02; B22F1/00; C22C38/00; H01F1/14	IRON-BASED SOFT MAGNETIC ALLOY AND DUST CORE COMPRISING THE IRON-BASED SOFT MAGNETIC ALLOY
KR20110074500 A 20110630	KR20110054438 20110607	SON KWANG SOO [KR]	B82B3/00; B82B1/00	METHOD OF ARRANGING NANOVIRE ON SUBSTRATE
MX2010008354 A 20110411	US20080065493P 20080212; WO2009BR00034 20090211	BUNGE FERTILIZANTES S A [BR]	C09C1/40; C01B25/36; C01B25/40; C08K3/32; C09D5/00; C09D7/00; C09D11/00	ALUMINUM PHOSPHATE SLURRY.
MX2010013971 A 20110224	EP20080159913 20080708; WO2009EP58303 20090702	BASF SE [DE]	C01G3/00; A01N59/20	NANOPARTICULATE SURFACE-MODIFIED COPPER COMPOUNDS.
MX2010014221 A 20110225	US20080076914P 20080630; WO2009US47749 20090618	UNION CARBIDE CHEM PLASTIC [US]	C01B33/44; C08J3/20; C08J5/00; C08K9/04; C09C3/08	METHOD FOR EXFOLIATING ORGANOCLAY TO PRODUCE A NANOCOMPOSITE.

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MX2010014346 A 20110503	ES20080001902 20080625; ES20090030353 20090624; WO2009IB53929 20090625	NANOBIOMATTERS S L [ES]	C08K3/00; C08J7/00; C08K3/22; C08K3/34; C08K11/00	ACTIVE NANOCOMPOSITE MATERIALS AND PRODUCTION METHOD THEREOF.
MX2011001700 A 20110324	EP20080014544 20080814; WO2009EP05888 20090813	RHODIA ACETOW GMBH [DE]	A24D3/10; C08K9/02; C08L1/12; C09C1/36	PHOTODEGRADABLE PLASTIC AND ITS USE.
MX2011002342 A 20110404	EP20080163852 20080908; WO2009EP61344 20090902	BASF SE [DE]	C08J5/18; C08J5/00	METHOD FOR MANUFACTURING FLAT MOLDED MEMBERS OR FILMS.
MX2011002915 A 20110421	US20080100068P 20080925; US20090158483P 20090309; WO2009IB06947 20090925	VIVE NANO INC [CA]	A01N25/10; C08J3/14; C08J3/24; C08K5/00; C08L25/18; C08L33/02; C08L39/02	METHODS TO PRODUCE POLYMER NANOPARTICLES AND FORMULATIONS OF ACTIVE INGREDIENTS.
MX2011004989 A 20110530	DE200810043682 20081112; WO2009EP64741 20091106	CHEMETALL GMBH [DE]	B05D1/18; B05D7/00	METHOD FOR COATING SURFACES WITH PARTICLES AND USE OF THE COATINGS PRODUCED BY THIS METHOD.
MY143055 A 20110228	MYPI20070012 20070105	TAI KWONG YOKOHAMA BATTERY IND SDN BHD [MY]		PROCESS FOR THE PRODUCTION OF NANO LEAD OXIDES
MY143396 A 20110513	US20050740461P 20051128; US20060523731 20060919	UNIV HAWAII [US]; RENSSELAER POLYTECH INST [US]		THREE-Dimensionally REINFORCED MULTIFUNCTIONAL NANOCOMPOSITES
MY143485 A 20110531	FR20030014766 20031216; US20040534200P 20040102	SOLVAY [BE]	C08K9/04; B29C67/24; B82B3/00; C08J3/12; C08J3/20; C08J3/205; C08J3/215	PROCESS FOR THE MANUFACTURE OF A COMPOSITE MATERIAL, COMPOSITE MATERIAL AND USE THEREOF

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MY143514 A 20110531	DE200410017565 20040407; DE200420005677U 20040407; DE200410027549 20040604	KRONOS INT INC [DE]	B01J23/00; B01J21/06; B01J35/00; C01G23/047; C09C1/36	TITANIUM DIOXIDE PHOTOCATALYST CONTAINING CARBON AND METHOD FOR ITS PRODUCTION
MY143730 A 20110630	US20010262842P 20010119	CHEVRON USA INC [US]	C07C4/00; C07C7/04; C07C7/12; C07C7/135; C07C7/14; C07C7/148; C07C13/605; C07C13/64; C07C17/10; C07C17/16; C07C17/383; C07C17/395; C07C23/20; C07C39/17; C07C47/347; C07C49/423; C07C69/00; C07C205/05; C07C211/50; C08G61/00; C08G61/02; C08G83/00; C08L65/00	PROCESSES FOR THE PURIFICATION OF HIGHER DIAMONDOIDS AND COMPOSITIONS COMPRISING SUCH DIAMONDOIDS
NZ556481 A 20110331	US20050648168P 20050128; WO2006US02836 20060127	SAINT GOBAIN ABRASIVES INC	B24D3/28; C08J5/00	Abrasive articles comprising abrasive grains and colloidal composite binders
NZ560535 A 20110128	US20050644314P 20050113; US20050652493P 20050211; WO2006US01437 20060113	NOVARTIS VACCINES & DIAGNOSTIC	C12Q1/70; C07K14/47; C07K16/18; G01N33/53	Elisa assays using prion- specific peptide reagents
NZ566982 A 20110630	US20050720499P 20050926; WO2006US37793 20060926	MEDAREX INC	A61K47/48; A61P13/08; C07K5/06; C07K16/28	Duocarmycin drug conjugates
NZ567318 A 20110630	US20050251633 20051014; WO2006US40295 20061013	SAINT GOBAIN CERAMICS [US]	C09K3/14; C01F7/02; C09G1/02	Abrasive alumina particulate material, and method of planarizing a workpiece using the abrasive

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NZ576658 A 20110630	US20050264606 20051031; WO2006US39360 20061010	CLOROX CO	B32B5/14; B32B3/00	Treatments and kits for creating transparent renewable surface protective coatings using fumed silica particles
NZ578552 A 20110527	US20070657299 20070125; WO2008IB00508 20080113	EDEN INNOVATIONS LTD; UNIV BRISBANE	C01B3/26; B01J23/00; C01B3/00; C10L3/00	METHOD AND SYSTEM FOR PRODUCING A HYDROGEN ENRICHED FUEL USING MICROWAVE ASSISTED METHANE PLASMA DECOMPOSITION ON CATALYST
PT104751 A 20110318	PT20090104751 20090918	UNIV AVEIRO [PT]	C01G23/02; C01G25/04; C01G29/00	METHOD FOR THE PREPARATION AT LOW TEMPERATURES OF FERROELECTRIC THIN FILMS, THE FERROELECTRIC THIN FILMS THUS OBTAINED AND THEIR APPLICATIONS
PT104801 A 20110429	PT20090104801 20091029	UNIV AVEIRO [PT]	C01F7/16; B32B5/16; B82B1/00; B82B3/00; B82Y5/00; B82Y15/00; B82Y30/00; C01F7/02; C01G23/047; C09K11/02; C09K11/64; F21K2/00	PROCESSO DE ENCAPSULAMENTO DE ALUMINATOS LUMINESCENTES DE BER?LIO, MAGN?SIO, C?LCIO, ESTR?NCIO OU B?RIO DOPADOS COM C?RIO (III) ENCAPSULADOS COM TIO2 E AS SUAS RESPECTIVAS UTILIZA??ES



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PT1450975E E 20110404	US20010973624 20011009	UNIV WASHINGTON [US]	B22F1/00; B01J2/00; B22F1/02; B22F9/12; B22F9/28; C22C1/10; H01G9/052	TIGHTLY AGGLOMERATED NON-OXIDE PARTICLES AND METHOD FOR PRODUCING THE SAME
PT1732991E E 20110211	US20040783060 20040220	UNIV WAYNE STATE [US]	C09C1/00; C09C1/28; C09C1/42; C09C3/10; C09C3/12	METHOD OF DELAMINATING AGGREGATED PARTICLES WITH A COATING AGENT IN A SUPERCRITICAL FLUID
PT1996515E E 20110309	IT2006FI00030 20060201	COLOROBIA ITALIANA SPA [IT]	B01J35/00; C03C17/25; C09C1/36	METHOD FOR THE PREPARATION OF AQUEOUS DISPERSIONS OF TIO <sub>2</sub> IN THE FORM OF NANOPARTICLES, AND DISPERSIONS OBTAINABLE WITH THIS METHOD
RU2009124106 A 20110110	GB20060023738 20061129		B29C70/48	IMPROVED METHOD FOR MANUFACTURING COMPOSITE COMPONENTS
RU2009141367 A 20110520	US20070922988P 20070411		C08F2/50	AROMATIC URETHANE ACRYLATES HAVING A HIGH REFRACTIVE INDEX
RU2009141918 A 20110527	US20070907817P 20070418		C02F1/28	FILTER MEDIUM
RU2009142025 A 20110527	EP20070106231 20070416		C08K3/20	Nano-modified wire enamels and enamelled wires thereof

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RU2414296 C1 20110320	RU20090139846 20091029	INFRA TEKNOLODZHIZ LTD [VG]	B01J21/00; B01J21/04; B01J21/06; B01J21/10; B01J21/16; B01J21/18; B01J23/40; B01J23/74; B01J37/02; B82B1/00; C07C1/04	CATALYST FOR SYNTHESIS OF HYDROCARBONS FROM CO AND H2 AND PREPARATION METHOD THEREOF
RU2420287 C1 20110610	RU20090146716 20091216	ROSSIJSKAJA FEDERATSIJA OT IM KOTOROJ VYSTUPAET MIN OBRAZOVANIJA I NAUKI RF [RU]; G OBRAZOVATEL NOE UCHREZHDIENIE VYSSHEGO PROFESSIONAL NOGO OBRAZOVANIJA MO G AKADEMIJA TONKOJ KHIM T [RU]	A61K9/10; A61K31/496; A61P31/06; B82B3/00; B82Y40/00	METHOD OF OBTAINING CAPSULATED FORM OF ANTITUBERCULOSIS MEDICATIONS OF RIFAMPICIN SERIES
SG169225 A1 20110330	US20010307668P 20010725	UNIV PRINCETON [US]	G01N33/50; B01L3/00; B81B1/00; C12M1/00; C12N15/09; C12Q1/68; G01N35/08; G01N37/00	NANOCHANNEL ARRAYS AND THEIR PREPARATION AND USE FOR HIGH THROUGHPUT MACROMOLECULAR ANALYSIS
SG169994 A1 20110429	DE200610007147 20060216	BAYER MATERIALSCIENCE AG [DE]		PROCESS FOR THE CONTINUOUS PRODUCTION OF CATALYSTS

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SG170094 A1 20110429	US20060780833P 20060310; US20060798337P 20060508; US20060808153P 20060525; US20070889363P 20070212	STC UNM [US]		PULSED GROWTH OF GAN NANOWIRES AND APPLICATIONS IN GROUP III NITRIDE SEMICONDUCTOR SUBSTRATE MATERIALS AND DEVICES
SG170616 A1 20110530	US20020065018 20020911	GEN ELECTRIC [US]	H05B33/02; B32B5/14; C23C16/30; H01L51/50; H01L51/52; H05B33/04; H05B33/12; H05B33/24	DIFFUSION BARRIER COATINGS HAVING GRADED COMPOSITIONS AND DEVICES INFORPORTING THE SAME
SG170774 A1 20110530	AU20060901730 20060403	UNIV SYDNEY		POLYMER PRODUCT AND INTERFACIAL POLYMERISATION PROCESS USING RAFT AGENT
SG170807 A1 20110530	JP20060123828 20060427	ASAHI GLASS CO LTD [JP]		FINE PARTICLES OF OXIDE CRYSTAL AND SLURRY FOR POLISHING WHICH CONTAINS THE FINE PARTICLES
SG170820 A1 20110530	DE200610015538 20060331	H C STARCK GMBH DE	H01M4/04; H01M4/52; H01M4/525	DEVICE AND METHOD FOR THE PRODUCTION OF COMPOUNDS BY PRECIPITATION
TW201100475 A 20110101	US20090402089 20090311	APPLIED NANOTECH HOLDINGS INC [US]	C08J3/20; C08K3/00; C08L77/02; C08L101/00	Composites
TW201100480 A 20110101	US20090159624P 20090312	DU PONT [US]	C08L101/12; C08K3/36; C08K9/04; C08L101/04; C09D5/24; H01B1/14; H01L51/50	Electrically conductive polymer compositions for coating applications

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TW201102147 A 20110116	US20090424277 20090415	INNOVALIGHT INC [US]	B01D29/11	Methods and apparatus for the in situ collection of nucleated particles
TW201103769 A 20110201	KR20090030647 20090409	UNIV SOGANG IND UNIV COOP FOUN [KR]	B41J2/22	A method for printing arranged fine particles
TW201107238 A 20110301	DE200910019747 20090502	BAYER TECHNOLOGY SERVICES GMBH [DE]	C01B31/04; B01J21/18; C25B11/12; H01M4/96	Process for producing carbon materials having nitrogen modification starting from carbon nanotubes
TW201107373 A 20110301	JP20090112885 20090507	NISSAN CHEMICAL IND LTD [JP]	C08G73/06; B01F17/52; C01B31/02; C08J5/18; C08K3/04; C08L79/04	Carbon nanotube dispersing/solubilizing agent
TW201111275 A 20110401	DE200910026599 20090529	EVONIK DEGUSSA GMBH [DE]	C01B13/34; C01G30/00	Mixed metal oxide powder, especially antimony-tin mixed oxide powder, and preparation thereof
TW201120274 A 20110616	FR20090053506 20090527	ARKEMA FRANCE [FR]; CENTRE NAT RECH SCIENT [FR]	D06M15/333; H01B5/12	Method of manufacturing a multilayer conductive fibre by coating-coagulation
TWI335443B B 20110101	US20050319792 20051229	INTEL CORP [US]	G01R33/26	Optical magnetometer array and method for making and using the same
TWI336315B B 20110121	TW20050120961 20050623	UNIV NAT CHUNGHSING [TW]	C01B31/02	CNT/polymer composite and method for producing the same
TWI336339B B 20110121	DE20031024305 20030530	LANXESS DEUTSCHLAND GMBH [DE]	C08L27/04; A61K8/04; A61K8/27; A61K8/81; A61Q19/00; C01G9/02; C08K3/22; C08L11/00; C09C1/04; C09J11/04	Solvent-containing compositions based on polychloroprene
TWI336538B B 20110121	TW20060109873 20060322	IND TECH RES INST [TW]	H01M8/02	Electrically conductive composite

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TWI336762B B 20110201	US20040978444 20041102	IBM [US]	F28D17/02	Conducting liquid crystal polymer matrix comprising carbon nanotubes, use thereof and method of fabrication
TWI336807B B 20110201	US20030392977 20030321		G02F1/361; B05D1/18; H01L51/30	Conjugated molecular assembly, method of fabricating the assembly and device including the assembly
TWI338611B B 20110311	US20020430578P 20021203; US20020430497P 20021203	UCAR CARBON CO INC [US]	B29B11/16; B29C43/00; C04B35/52; C04B35/64; C04B35/645; C04B35/83; F16D69/02	Manufacture of carbon/carbon composites by hot pressing
TWI338712B B 20110311	KR20050081734 20050902; KR20050097157 20051014	LG CHEMICAL LTD [KR]	C09K3/14; C01F17/00; H01L21/76	Cerium oxide powder for one-component cmp slurry, preparation method thereof, one-component cmp slurry composition comprising the same, and method of shallow trench isolation using the slurry
TWI338724B B 20110311	KR20050107191 20051109	KOREA INST SCI & TECH [KR]; BAIKSAN OPC CO LTD [KR]	C23C22/73; C23C22/66; G03G5/10	Method for treating nano-sized surface modification on aluminum for opc drum
TWI342050B B 20110511	US20030744516 20031223	SAMSUNG ELECTRONICS CO LTD [KR]	H01L21/336; B81B1/00; B82B3/00; C30B29/60; C30B29/68	Fabrication of nano-object array

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TWI343831B B 20110621	US20020103803 20020325	UNIV NORTH CAROLINA [US]	B01J16/00; B82B3/00; B05D1/18; B05D1/20; C01B31/02; H01G9/00; H01G9/058; H01J9/02; H01M4/04; H01M4/86; H01M6/02; H01M10/04	Method for assembling nano objects
US2011000397 A1 20110106	EP20080103321 20080402; WO2009EP52581 20090305	EVONIK DEGUSSA GMBH [DE]	C09D7/00	DISPERSION COMPRISING HYDROPHOBIZED SILICON DIOXIDE PARTICLES
US2011000781 A1 20110106	US20090810261 20090105; US20080010165P 20080104; WO2009US30109 20090105	UNIV FLORIDA [US]	C01B3/04; B01J19/08; C01B3/02; C01B3/24	OPTICAL RELEASE OF HYDROGEN FROM FUNCTIONALIZED FULLERENES AS STORAGE MATERIALS
US2011000798 A1 20110106	US20090918815 20090301; US20080033037P 20080303; WO2009IL00234 20090301		F17C11/00; B22F3/12; C01B6/00	HYDROGEN STORAGE TANK
US2011001086 A1 20110106	US20090410996 20090325; US20090299235 20090218; WO2007US67934 20070501; US20060796995P 20060502	GOODRICH CORP [US]; ROHR INC [US]	B05D1/36; C09K3/00	Methods of making nanoreinforced carbon fiber and components comprising nanoreinforced carbon fiber
US2011001092 A1 20110106	US20100887224 20100921; US20090552970 20090902; US20080968228 20080102; US20050136653 20050524; US20040573804P 20040524	UNIV DREXEL [US]	C09K11/56	WATER SOLUBLE NANOCRYSTALLINE QUANTUM DOTS

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US2011001119 A1 20110106	IT2008TO00175 20080307; IT2008TO00986 20081224; WO2009IB50921 20090306	UNIV DEGLI STUDI GENOVA [IT]	H01L29/12; H01L21/20	METHOD FOR THE SYNTHESIS OF AN ARRAY OF METAL NANOWIRE CAPABLE OF SUPPORTING LOCALIZED PLASMON RESONANCES AND PHOTONIC DEVICE COMPRISING SAID ARRAY
US2011001159 A1 20110106	JP20080069841 20080318; JP20080304183 20081128; WO2009JP55167 20090317	ASAHI GLASS CO LTD [JP]	H01L33/46; B32B17/00; C03C27/00; H01L21/28	SUBSTRATE FOR ELECTRONIC DEVICE, LAYERED BODY FOR ORGANIC LED ELEMENT, METHOD FOR MANUFACTURING THE SAME, ORGANIC LED ELEMENT, AND METHOD FOR MANUFACTURING THE SAME
US2011003130 A1 20110106	FR20080050708 20080205; WO2009EP51287 20090204		B32B5/16; B32B27/30; B32B27/32; B32B27/36; B32B27/40; C08K3/22	ORGANIC-INORGANIC HYBRID MATERIAL, OPTICAL THIN LAYER OF THIS MATERIAL, OPTICAL MATERIAL COMPRISING SAME, AND PROCESS FOR PRODUCING SAME
US2011003141 A1 20110106	US20080809193 20081219; US20070015483P 20071220; US20080061890P 20080616; WO2008US87770 20081219		B32B5/16; C25D15/00	MICROSTRUCTURED MATERIAL AND PROCESS FOR ITS MANUFACTURE

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US2011003143 A1 20110106	JP20080042974 20080225; JP20080201313 20080804; JP20080201314 20080804; JP20080201319 20080804; JP20080201320 20080804; JP20080201321 20080804; JP20080201322 20080804; JP20080201324 20080804; WO2009JP53415 20090225	CENTRAL GLASS CO LTD [JP]	B32B5/16; B32B9/00; B32B15/04; B32B17/06; B32B18/00; C09D1/04; F28F7/00	Organosol Containing Magnesium Fluoride Hydroxide, and Manufacturing Method Therefor
US2011003149 A1 20110106	US20100880791 20100913; US20060560570 20061116; US20050737186P 20051116; US20060775110P 20060221; US20060775559P 20060222		C01B31/00; B32B9/00; C01B31/30; H01M4/58	Fluorination of Multi-Layered Carbon Nanomaterials
US2011003151 A1 20110106	JP20080055819 20080306; JP20080171186 20080630; WO2009JP54210 20090305	UBE INDUSTRIES [JP]	D01F9/12	FINE CARBON FIBER, FINE SHORT CARBON FIBER, AND MANUFACTURING METHOD FOR SAID FIBERS
US2011003156 A1 20110106	JP20080027187 20080207; WO2009JP52085 20090206		B32B5/16; B01J13/02	Core-Shell Type Cobalt Oxide Microparticle or Dispersion Containing the Microparticle, and Production Process and Use of the Microparticle or the Dispersion
US2011003239 A1 20110106	US20100878078 20100909; JP20020372853 20021224; JP20030173155 20030618; US20050540028 20050622; WO2003JP16626 20031224; US20030437317P 20030102	SHOWA DENKO KK [JP]	H01M8/04; H01B1/24; H01M2/16	CURABLE COMPOSITION, CURED PRODUCT THEREOF, MOLDED PRODUCT THEREOF AND USE AS FUEL CELL SEPARATOR



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US2011003716 A1 20110106	US20100832781 20100708; US20080014879 20080116; US20020177169 20020620	AFFYMETRIX INC [US]	C40B50/18; G01N33/53; B01J19/00; C12M1/00; C12N15/09; C12Q1/68; G01N37/00; G03F7/09	ANTIREFLECTIVE COATINGS FOR HIGH- RESOLUTION PHOTOLITHOGRAPHIC SYNTHESIS OF DNA ARRAY
US2011003721 A1 20110106	US20060494954 20060728; US20060332679 20060112; US20060332682 20060112	SOUTH DAKOTA SCHOOL OF MINES AND TECHNOLOGY [US]	C10M169/04; C09K5/00	CARBON NANOPARTICLE- CONTAINING NANOFLUID
US2011003931 A1 20110106	US20090641436 20091218; US20080203071P 20081218		C08K3/22	Modified Titanium Dioxide
US2011003965 A1 20110106	TW20090122333 20090701	UNIV NAT TAIWAN [TW]	C08G73/10	CNT-PI COMPLEX HAVING EMI SHIELDING EFFECTIVENESS AND METHOD FOR PRODUCING THE SAME
US2011006218 A1 20110113	US20080665849 20080619; US20070947533P 20070702; WO2008US67479 20080619	UNIV DREXEL [US]	G01J1/58; B29C47/00; C07C11/00; C07H21/00; C07K17/14; C08F110/02; C08F110/06; C08F112/08; C08F114/18; C08F120/06; C08F120/44; C08G18/00; C08G64/00; C08G65/04; H01B1/24	NANODIAMOND COMPOSITIONS AND METHODS OF MAKING AND USING THEREOF
US2011006269 A1 20110113	US20080743099 20081114; US20070987988P 20071114; WO2008US83592 20081114	ADVANCED TECH MATERIALS [US]	H01B1/02; C01F5/06; C01G15/00	SOLVENT-FREE SYNTHESIS OF SOLUBLE NANOCRYSTALS
US2011006281 A1 20110113	KR20090062149 20090708; KR20100055436 20100611	SAMSUNG ELECTRONICS CO LTD [KR]	H01L33/04; H01B1/12; H01L29/12	SEMICONDUCTOR NANOCRYSTAL AND PREPARATION METHOD THEREOF
US2011006296 A1 20110113	JP20080067504 20080317; WO2009JP01155 20090316	PANASONIC CORP [JP]	H01L51/52	LIGHT EMITTING DEVICE

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US2011008240 A1 20110113	JP20080043304 20080225; WO2009JP53265 20090224	UNIV SHIZUOKA NAT UNIV CORP [JP]	D01F9/12; C09K3/00	Process and Apparatus for Producing Carbon Nanotube, Carbon Nanotube Fiber, and the Like
US2011008245 A1 20110113	KR20090061510 20090707; KR20100013750 20100216	KAIST KOREA ADVANCED INST OF SCIENCE AND TECHNOLOGY [KR]	C01G9/02; B05D1/18; B05D3/06; C01G19/02; C01G29/00; C01G31/02; C01G39/02; C01G45/02; C01G49/02	METHOD FOR MANUFACTURING NANOSTRUCTURE AND NANOSTRUCTURE MANUFACTURED BY THE SAME
US2011008571 A1 20110113	JP20070221960 20070829; WO2008JP65579 20080829		B32B5/08; B05D3/06	SUBSTRATE HAVING FULLERENE THIN WIRES AND METHOD FOR MANUFACTURE THEREOF
US2011008705 A1 20110113	US20100839124 20100719; US20090505070 20090717; US20070670687 20070202; US20100320639P 20100402; US20080081851P 20080718; US20060764504P 20060202	UNIV FLORIDA STATE RES FOUND [US]	H01M8/10	CATALYTIC ELECTRODE WITH GRADIENT POROSITY AND CATALYST DENSITY FOR FUEL CELLS
US2011008912 A1 20110113	US20100886997 20100921; US20040996952 20041124		G01N33/53; C08F20/08	Polymer-coated substrates for binding biomolecules and methods of making and using Thereof
US2011009541 A1 20110113	US20100887354 20100921; US20080266984 20081107; US20050317963 20051223	BOSTON SCIENT SCIMED INC [US]	C08K5/5415	NANOPARTICLE PRECURSOR STRUCTURES, NANOPARTICLE STRUCTURES, AND COMPOSITE MATERIALS

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US2011009551 A1 20110113	US20100886018 20100920; US20050251028 20051014; US20040619317P 20041015; US20050645972P 20050111; US20050698204P 20050707; US20050708000P 20050812; US20050715877P 20050909	CABOT CORP [US]	C09D201/00; C09D7/00	HIGH RESISTIVITY COMPOSITIONS
US2011011773 A1 20110120	US20080743912 20081121; US20070004009P 20071121; WO2008US12980 20081121		B07B13/00; B03B1/04; B82B3/00	Separation of Nanostructures
US2011011775 A1 20110120	US20100893758 20100929; US20060387804 20060324; US20050664952P 20050325		B07B7/00; B03C1/30; B07B7/08	METHODS AND APPARATUSES FOR PURIFYING CARBON FILAMENTARY STRUCTURES
US2011011794 A1 20110120	US20100892427 20100928; US20060549732 20061016; US20050726651P 20051017	STC UNM [US]	B01D69/04; B05D5/00	FABRICATION OF ENCLOSED NANOCHANNELS USING SILICA NANOPARTICLES
US2011012061 A1 20110120	US20100888161 20100922; US20080213001 20080612; US20030638546 20030812; US20020402726P 20020813	MASSACHUSETTS INST TECHNOLOGY [US]	C09K11/88; C09K11/54; C30B7/00; C30B29/60; C30B33/00; D02G3/00; H01L21/20; H01L21/208; H01L21/368; H01L29/06; H01L29/165; H01L29/205; H01L29/225; H01L29/267	Semiconductor nanocrystal heterostructures
US2011012074 A1 20110120	US20090922479 20090313; US20080069439P 20080314; WO2009US01602 20090313	OXAZOGEN INC [US]	G02B5/23; C08K3/04	LASER PROTECTION POLYMERIC MATERIALS
US2011012087 A1 20110120	US20090864488 20090122; US20080022885P 20080123; WO2009US00406 20090122		H01L33/04; H01L33/16	SEMICONDUCTOR NANOCRYSTALS

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US2011012296 A1 20110120	JP20070310550 20071130; WO2008JP70931 20081118	TOYOTA MOTOR CO LTD [JP]	B29C47/00	METHOD FOR PRODUCING CARBON NANOFIBER SUPPORTING METAL FINE PARTICLE
US2011014111 A1 20110120	US20080667808 20080728; US20070962831P 20070801; WO2008US71326 20080728		C01B31/04	HIGHLY EFFICIENT PROCESS FOR MANUFACTURE OF EXFOLIATED GRAPHENE
US2011014113 A1 20110120	US20090506148 20090720		D01F9/12	Carbon Nanotube Separation by Reversible Gelation
US2011014129 A1 20110120	US20100753689 20100402; WO2009US41142 20090420; US20090166610P 20090403		A61K49/18; A61B5/055; G01R33/44	MAGNETIC MICROSTRUCTURES FOR MAGNETIC RESONANCE IMAGING
US2011014264 A1 20110120	US20100888864 20100923; US20040007867 20041209	BOSTON SCIENT SCIMED INC [US]	A61F2/82; A61K31/726; A61K38/02; A61M31/00; A61P35/00; A61P43/00	Medical Devices Having Nanostructured Regions For Controlled Tissue Biocompatibility And Drug Delivery
US2011014380 A1 20110120	JP20080076953 20080325; WO2009JP55977 20090325	NAT INST FOR MATERIALS SCIENCE [JP]	B05D3/12; B05C11/00; B05C11/02	APPARATUS AND PROCESS FOR FABRICATING ARTIFICIAL OPAL FILMS
US2011014446 A1 20110120	JP20070178585 20070706; WO2008JP61917 20080701		C23C16/26	METHOD FOR FORMING CARBON NANOTUBE FILM, FILM-FORMING APPARATUS, AND CARBON NANOTUBE FILM
US2011014451 A1 20110120	JP20080051811 20080303; JP20080090685 20080331; WO2009JP53812 20090302		B32B9/04; B05D3/02; B32B3/26; B32B5/00; B32B15/04; B32B17/06; B32B27/00; B32B37/12; C01B31/06; C08L27/18	NANODIAMOND FILM

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US2011014460 A1 20110120	US20060472615 20060622		B32B27/18; B05D3/12; B32B33/00	Conductive, EMI shielding and static dispersing laminates and method of making same
US2011014466 A1 20110120	US20090504995 20090717	XEROX CORP [US]	B32B19/02	COMPOSITE MATERIALS COMPRISING CORE-SHELL NANO-FIBRILS
US2011014472 A1 20110120	US20100790926 20100531; US20090182798P 20090601		B32B5/16; B05D7/00	PREPARATION OF SILICA STABILIZED BIOLOGICAL TEMPLATES FOR THE PRODUCTION OF METAL AND LAYERED NANOPARTICLES
US2011014488 A1 20110120	US20100889567 20100924; US20090575542 20091008; US20070984912 20071126; US20050297805 20051209; US20040013456 20041217	INTEGRAN TECHNOLOGIES INC [CA]	B32B15/20; A63B53/00; A63B59/00; B32B5/00; B32B5/16; B32B15/00; B32B15/01; B32B15/04; B32B15/18; B32B17/06; B32B18/00; D02G3/36; F42B6/02	Fine-Grained Metallic Coatings Having the Coefficient of Thermal Expansion Matched to the One of the Substrate
US2011014698 A1 20110120	DE200710054691 20071114; WO2008DE01825 20081107		C12N5/09; C12N5/071	USE OF NANOPATTERNED SURFACES AND METHOD FOR ENRICHING OR ISOLATING CELLULAR SUBPOPULATIONS
US2011015054 A1 20110120	JP20070179098 20070706; JP20070179101 20070706; JP20070180349 20070709; JP20070203850 20070806; WO2008JP62235 20080704		C04B35/00; C04B35/10; C04B35/46; C04B35/468; C04B35/48; C04B35/50; C04B35/515; C04B35/622	METHOD FOR PRODUCING CERAMIC NANOPARTICLES

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US2011015102 A1 20110120	FR20070008875 20071219; WO2008FR52351 20081218	LUZENAC EUROP SAS [FR]; UNIV TOULOUSE 3 PAUL SABATIER [FR]	C10M125/04; C25D15/00	COMPOSITE MATERIAL CONSISTING OF A METAL MATRIX IN WHICH SYNTHETIC LAMELLAR PHYLLOSILICATED NANOPARTICLES ARE DISTRIBUTED
US2011015297 A1 20110120	EP20070150289 20071221; WO2008EP67366 20081212	BASF SE [US]	C08K5/3492; C08K5/17; F21V9/06	NANO STRUCTURED UV ABSORBERS
US2011015872 A1 20110120	IL20080190475 20080327; WO2009IL00342 20090326	TECHNION RES & DEV FOUNDATION [IL]	G06F19/00; G01N21/00; G01N27/00; G01N33/00; G06F15/18	CHEMICAL SENSORS BASED ON CUBIC NANOPARTICLES CAPPED WITH AN ORGANIC COATING FOR DETECTING EXPLOSIVES
US2011017493 A1 20110127	US20100841466 20100722; US20090227501P 20090722		H01B5/00; B29B9/12; B32B9/04; B32B15/02; C01B31/08	Carbon Microbeads with Hierarchical Structure
US2011017613 A1 20110127	KR20060123238 20061206; KR20070094685 20070918; WO2007KR06310 20071206	ELECTRONICS AND TELECOMMUNICAIONS RES INST [KR]	B65B3/00; B01J20/00; B32B5/00; B32B9/04; B32B15/04; B65B31/00	GAS STORAGE MEDIUM, GAS STORAGE APPARATUS AND METHOD THEREOF
US2011017950 A1 20110127	US20100725438 20100316; US20090509869 20090727; US20060502493 20060811; US20040960947 20041012; US20030642578 20030819; US20000625861 20000726; US19970969302 19971113; US19990145708P 19990726	MASSACHUSETTS INST TECHNOLOGY [US]	C09K11/54	Highly luminescent color- selective nanocrystalline materials

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US2011017973 A1 20110127	KR20080011398 20080204; WO2008KR00731 20080205	POSTECH ACAD IND FOUND [KR]	H01L29/15; H01L33/04; H01L33/28	Nanodevice, Transistor Comprising the Nanodevice, Method for Manufacturing the Nanodevice, and Method for Manufacturing the Transistor
US2011017981 A1 20110127	EP20070123248 20071214; WO2008EP66839 20081205	BASF SE [US]	H01L51/05; H01L51/40; H01L51/42	PROCESS FOR THE PREPARATION OF SEMICONDUCTING LAYERS
US2011018539 A1 20110127	US20100898752 20101006; US20070890075 20070803		G01R33/44	HYBRID IMAGING COILS FOR MAGNETIC RESONANCE IMAGING
US2011020134 A1 20110127	US20080808787 20081219; DK20070001840 20071220; DK20070001860 20071221; US20070009053P 20071220; US20070008701P 20071221; WO2008DK50328 20081219	VESTAS WIND SYS AS [DK]	F03D11/00; B23P15/04; H02G13/00	LIGHTNING RECEPTORS COMPRISING CARBON NANOTUBES
US2011020213 A1 20110127	JP20080000204 20080104; WO2008JP73957 20081226	NAT UNIVERSITY CORP KUMAMOTO UNIVERSITY [JP]; KURARAY CO [JP]	C01G23/047; C01G23/04; C25B1/00	TITANIUM OXIDE AND METHOD OF PRODUCING THE SAME
US2011020539 A1 20110127	US20100719759 20100308; US20090158187P 20090306; US20090234270P 20090815	PURDUE RESEARCH FOUNDATION [US]	B05D3/10; C23C16/02; H05H1/24	PALLADIUM THIOLATE BONDING OF CARBON NANOTUBES
US2011020604 A1 20110127	US20080158925 20080513; US20070938873P 20070518; WO2008EP55855 20080513	ESSILOR INT [FR]	B32B3/10; B32B27/00; H01B1/12	Curable Coating Compositions Providing Antistatic Abrasion Resistant Coated Articles
US2011020646 A1 20110127	US20090864077 20090122; US20080062350P 20080125; WO2009US31731 20090122		D02G3/16; C01B31/02; C01B31/06; D01F9/12	NANODIAMONDS AND DIAMOND-LIKE PARTICLES FROM CARBONAEIOUS MATERIAL

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US2011020650 A1 20110127	US20100898388 20101005; KR20050118346 20051206; US20060633475 20061205		B32B15/02	Core-Shell Type Nanoparticles and Method For Preparing The Same
US2011021015 A1 20110127	US20100815206 20100614; US20050132841 20050518	INTERMOLECULAR INC [US]	H01L21/44	Formation of a Masking Layer on a Dielectric Region to Facilitate Formation of a Capping Layer on Electrically Conductive Regions Separated by the Dielectric Regions
US2011021381 A1 20110127	US20100923470 20100923; JP20040381549 20041228; US20070819222 20070626; WO2005JP23981 20051227		C40B50/18; C40B40/00; C40B40/04; C40B40/06; C40B40/10; C40B40/12	Method for immobilizing self-organizing material or fine particle on substrate, and substrate manufactured by using such method
US2011021671 A1 20110127	JP20080029042 20080208; WO2009JP52024 20090206	UNIV TOKYO [JP]	C08L1/02	COMPOSITE MATERIAL COMPRISING REGENERATED CELLULOSE AND SYNTHETIC POLYMER AS SOLID COMPONENTS AND PROCESS FOR PRODUCTION OF THE MATERIAL
US2011021687 A1 20110127	EP20080152904 20080318; WO2009EP53166 20090318	BASF SE [DE]	C08K3/40; C08K3/36	POLYAMIDE NANOCOMPOSITES WITH HYPER-BRANCHED POLYETHYLENIMINES



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US2011023711 A1 20110203	JP20070160803 20070618; WO2008JP61507 20080618	GL SCIENCE INC [JP]	G01N1/10; B01J20/00; B01J20/04; B01J20/08; B01J20/14; B01J20/18; B01J20/22; B01J20/26; B01J20/28; C01B31/08; G01N1/22	MONOLITH ADSORBENT AND METHOD AND APPARATUS FOR ADSORBING SAMPLES WITH THE SAME
US2011024158 A1 20110203	US20100756603 20100408; US20090348623 20090105	BOEING CO [US]	H01B5/00; B05D3/02; B05D3/06; B05D5/12	CARBON- NANOTUBE/GRAPHENE- PLATELET-ENHANCED, HIGH-CONDUCTIVITY WIRE
US2011024159 A1 20110203	US20100908730 20101020; US20100773734 20100504; US20090175745P 20090505	CAMBRIOS TECHNOLOGIES CORP [US]	H01B5/00; C09D11/00	RELIABLE AND DURABLE CONDUCTIVE FILMS COMPRISING METAL NANOSTRUCTURES
US2011024169 A1 20110203	US20100845557 20100728; US20090229058P 20090728		H05K1/00; C23F1/24	SILICON NANOWIRE ARRAYS ON AN ORGANIC CONDUCTOR
US2011024294 A1 20110203	US20080071165 20080215	ATOMIC ENERGY COUNCIL [TW]	C25D1/12	Method for making membrane fuel cell electrodes by low- voltage electrophoretic deposition of carbon nanomaterial-supported catalysts
US2011024333 A1 20110203	KR20050073420 20050810		B03B1/02; B07B13/00	Method for separating nanotubes using microwave radiation
US2011024391 A1 20110203	US20100803603 20100630; US20040494122 20040812		B05D3/10; B05D3/00; B05D3/06; B05D3/12; C12M1/34; C12Q1/68	Methods for creating a surface energy gradient
US2011024409 A1 20110203	US20100767719 20100426; US20090173027P 20090427	LOCKHEED CORP [US]	H05B3/02; B32B5/16; H05B3/10	CNT-BASED RESISTIVE HEATING FOR DEICING COMPOSITE STRUCTURES

Número do Pedido	País e Nº da Prioridade	Nome(s) do(s) Depositantes	CIP	Título
US2011024685 A1 20110203	US20100690980 20100121; US20070728445 20070326	GEN ELECTRIC [US]	C09K11/84; C09K11/86	NANO-SCALE METAL OXYHALIDE AND OXYSULFIDE SCINTILLATION MATERIALS AND METHODS FOR MAKING SAME
US2011024695 A1 20110203	KR20090013342 20090218		H01B1/02; B29C47/76; H01B1/04	Hydrogen-oxygen generating electrode Plate and method for manufacturing the same
US2011024697 A1 20110203	US20100752513 20100401; US20090371851 20090216; US20080217978 20080710; US20050228023 20050915; US20050131912 20050518; US20040571999P 20040518; US20040611018P 20040917	UNIV ARKANSAS [US]	H01B1/24; B05D5/12; D01F9/12	Methods of Producing Carbon Nanotubes and Applications of Same
US2011024698 A1 20110203	US20100761157 20100415; US20090172363P 20090424		H01B1/04; H01B1/12	Mechanically Stiff, Electrically Conductive Composites of Polymers and Carbon Nanotubes
US2011024715 A1 20110203	KR20080032592 20080408; WO2008KR06402 20081030	UNIV EWHA IND COLLABORATION [KR]	H01L45/00; C23C14/16	METHOD OF FABRICATING AG-DOPED TE-BASED NANO-MATERIAL AND MEMORY DEVICE USING THE SAME
US2011024719 A1 20110203	US20090936938 20090413; US20080123822P 20080411; WO2009US40346 20090413		H01L29/66; C25B7/00; H01L21/3205	LARGE SCALE NANOELEMENT ASSEMBLY METHOD FOR MAKING NANOSCALE CIRCUIT INTERCONNECTS AND DIODES
US2011024779 A1 20110203	JP20070220299 20070827; WO2008JP65107 20080825		H01L51/50	ORGANIC EL DEVICE

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US2011025645 A1 20110203	JP20080049473 20080229; WO2009JP53633 20090227	TORAY INDUSTRIES [JP]	G06F3/044; B05D5/12; B32B7/02; B32B9/00; G06F3/045	SUBSTRATE WITH TRANSPARENT CONDUCTIVE LAYER AND METHOD FOR PRODUCING THE SAME, AND TOUCH PANEL USING THE SAME
US2011026750 A1 20110203	CN20091108865 20090731	UNIV TSINGHUA [CN]; HON HAI PREC IND CO LTD [TW]	H04R1/02	DIAPHRAGM AND LOUDSPEAKER USING THE SAME
US2011027163 A1 20110203	US20100662676 20100428; JP20010361992 20011128; JP20010372718 20011206; US20040496836 20040527; WO2002JP12445 20021128		D01F9/12; B01J29/072; B01J29/14; B01J29/46; B01J29/86; B01J29/88; B01J29/89; B01J35/06; C01B31/02; D01F9/127	Hollow nanofibers-containing composition
US2011027164 A1 20110203	US20100822662 20100624; KR20060027795 20060328; KR20070013553 20070209; US20070723785 20070322	KOREA ENERGY RESEARCH INST [KR]	D01F9/12	METHOD AND APPARATUS FOR SYNTHESIZING CARBON NANOTUBES USING ULTRASONIC EVAPORATION
US2011027174 A1 20110203	US20100905858 20101015; US20080112986 20080430; US20040005412 20041206; US20030527454P 20031205; US20040553907P 20040317		A61K51/12; A61K9/14; A61P35/00	NANOTUBES FOR CANCER THERAPY AND DIAGNOSTICS
US2011027402 A1 20110203	US20100902329 20101012; US20040758985 20040116; US20010849512 20010504; US19990425514 19991022; US19980105399P 19981023	AVERY DENNISON CORP [US]	B28B7/38; B22F1/00; C09C1/00; C09C1/62; C09C1/64; C09D5/36; C09D7/12; C23C14/00; C23C14/02	Process for Making Angstrom Scale and High Aspect Functional Platelets
US2011027599 A1 20110203	US20060364885 20060227; US20050660428P 20050309		C08L33/26; B05D3/00; B32B27/08; C08K3/22; C08K3/32; C08K3/34	Nanocomposite membranes and methods of making and using same

Número do Pedido	País e Nº da Prioridade	Nome(s) do(s) Depositantes	CIP	Título
US2011027611 A1 20110203	WO2008JP53108 20080215		B32B15/04; B05D3/00; C25D5/00	ZINC-BASED PLATED STEEL SHEET EXCELLENT IN SURFACE ELECTRICAL CONDUCTIVITY HAVING PRIMARY RUST PREVENTIVE THIN FILM LAYER
US2011027655 A1 20110203	US20100904113 20101013; US20090392525 20090225; US20090254090P 20091022; US20080067018P 20080225; US20080130679P 20080602		H01M4/583; H01M4/26	Electrodes Including Collar Stop
US2011027946 A1 20110203	US20100900417 20101007; US20090485007 20090615	PALO ALTO RES CT INC [US]	H01L21/336; B05D5/00	Horizontal Coffee-Stain Method Using Control Structure To Pattern Self- Organized Line Structures
US2011028311 A1 20110203	GB20080004365 20080310; WO2009IE00008 20090309	DUBLIN INST OF TECHNOLOGY [IE]	B01J27/24; B01J21/06; B01J27/135; B01J27/18; C01G23/047	Visible Light Activatable Photocatalyst
US2011028834 A1 20110203	US20090918377 20090212; US20080064204P 20080221; US20080064210P 20080221; US20080064206P 20080221; WO2009IL00170 20090212	TECHNION RES & DEV FOUNDATION [IL]	A61M25/00; A61B6/00; B29C47/06	USE OF ELECTROSPUN MICROTUBES FOR DRUG DELIVERY
US2011030120 A1 20110210	TW20090214594U 20090806	NAT KAOHSIUNG NORMAL UNIVERSITY [TW]	A41D3/02	DETACHABLE SOLAR THERMAL COAT ASSEMBLY WITH CARBON NANOCAPSULE COMPOSITE MATERIAL

Número do Pedido	País e Nº da Prioridade	Nome(s) do(s) Depositantes	CIP	Título
US2011031125 A1 20110210	DE200810019864 20080416; WO2009EP53844 20090401	SIEMENS AG [DE]	C25D5/06; C25D15/00; C25D17/00	Method for the electrochemical coating of a substrate by brush plating and device for carrying out said method
US2011031443 A1 20110210	US20100923925 20101014; KR20060099942 20061013; US20070878064 20070720		H01B1/12; B29C39/00; B29C45/00; B29C47/00; C08K5/07; C08K5/151; C08K5/1515; C08K5/1539	Multicomponent carbon nanotube-polymer complex, composition for forming the same, and preparation method thereof
US2011031447 A1 20110210	EP20070116339 20070913; WO2008EP61040 20080822		H01B1/04; H01B1/12	PROCESS FOR THE PREPARATION OF A CONDUCTIVE POLYMER COMPOSITION
US2011031452 A1 20110210	US20080324029 20081126; US20070990767P 20071128; US20070991065P 20071129		H01B1/02; H01L21/20	Nanoparticles Having Continuous Photoluminescence
US2011031470 A1 20110210	US20100822109 20100623; US20090220980P 20090626	CALIFORNIA INST OF TECHN [US]	H01L29/66; H01L21/28; H01L29/772; H01L29/775; H01L33/00	METHODS FOR FABRICATING PASSIVATED SILICON NANOWIRES AND DEVICES THUS OBTAINED
US2011031474 A1 20110210	EP20030100779 20030326; WO2004IB00801 20040309	PHILLIPS INTELLECTUAL PROERTY & STANDARDS GMBH [DE]	H01L51/50; H01L51/52; H05B33/14	ELECTROLUMINESCENT DEVICE WITH IMPROVED LIGHT DECOUPLING
US2011031651 A1 20110210	US20100905192 20101015; US20050244428 20051005; US20040763885 20040123; US20050068397 20050228; US20040012374 20041215; US20040012375 20041215; US20040631029P 20041124	MOLECULAR IMPRINTS INC [US]	B29C59/00	DESIRABLE WETTING AND RELEASE BETWEEN AN IMPRINT LITHOGRAPHY MOLD AND A POLYMERIZABLE COMPOSITION

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US2011033366 A1 20110210	US20100906789 20101018; US20070931901 20071031; US20050173419 20050701; US20040887695 20040709; US20040025717 20041229		C01B31/02; C01B31/04; D01F9/12	REACTANT LIQUID SYSTEM FOR FACILITATING THE PRODUCTION OF CARBON NANOSTRUCTURES
US2011033368 A1 20110210	US20080681771 20081003; US20070977792P 20071005; WO2008SG00381 20081003	AGENCY SCIENCE TECH & RES [SG]	C01B19/04; C01B19/00; C01G9/02; C01G45/02; C01G49/02; C01G51/04	METHODS OF FORMING A NANOCRYSTAL
US2011033510 A1 20110210	US20080809175 20081202; FR20070060112 20071220; US20080022524P 20080122; WO2008FR52173 20081202	OREAL [FR]	A61K8/02; A61K8/49; A61K8/92; A61Q1/02; A61Q1/06; A61Q1/08; A61Q1/10; A61Q5/06; A61Q5/10; A61Q19/04	COSMETIC COMPOSITION COMPRISING A COLORANT AND METHOD OF COSMETIC TREATMENT
US2011033547 A1 20110210	DK20070001004 20070706; WO2008DK50171 20080704	UNIV AARHUS [DK]	A61K9/14; A61K31/713; A61K38/40; A61K39/395; C12N15/11	DEHYDRATED CHITOSAN NANOPARTICLES
US2011033568 A1 20110210	CZ20080000219 20080409; WO2009CZ00047 20090403		D01D5/00	DEVICE FOR PRODUCTION OF NANOFIBRES THROUGH ELECTROSTATIC SPINNING OF POLYMER MATRIX
US2011033639 A1 20110210	US20080025161 20080204; US20050064653 20050223	MOTOROLA INC [US]	C23C16/448	APPARATUS AND PROCESS FOR CARBON NANOTUBE GROWTH
US2011033661 A1 20110210	US20060909156 20060321; US20050664243P 20050321; WO2006US10281 20060321	UNIV CALIFORNIA [US]	B32B3/00; B24C1/00; C23C16/44; C23F1/00	CONTROLLABLE NANOSTRUCTURING ON MICRO-STRUCTURED SURFACES

Número do Pedido	País e Nº da Prioridade	Nome(s) do(s) Depositantes	CIP	Título
US2011033692 A1 20110210	DE200810018695 20080410; WO2009EP53843 20090401	SIEMENS AG [DE]	B32B5/26; B32B5/02; C25D5/54; D03D15/00	COMPOSITE MATERIAL COMPOSED OF A METAL MATRIX IN WHICH CNT FILAMENTS ARE DISTRIBUTED, AND METHOD FOR THE PRODUCTION OF SUCH A COMPOSITE MATERIAL
US2011033695 A1 20110210	KR20070119238 20071121; WO2008KR06848 20081120	LG CHEMICAL LTD [KR]	B32B3/00; C08K3/34; C08K5/20; C08K5/21; C08K5/315; C08K5/34; C08K5/521; C08K5/5317; C08K5/56; C08L39/08	NANOCOMPOSITES, POLYMER COMPOSITIONS COMPRISING THE SAME AND PREPARATION METHODS THEREOF
US2011033705 A1 20110210	JP20080100029 20080408; JP20080100030 20080408; WO2009JP57406 20090406	TEIJIN LTD [JP]; TOKYO INST TECH [JP]	D01F9/14; D01F9/145; D01F9/20; D02G3/00	CARBON FIBER AND METHOD FOR PRODUCING THE SAME
US2011033996 A1 20110210	FR20090001463 20090327	COMMISSARIAT ENERGIE ATOMIQUE [FR]; CENTRE NAT RECH SCIENT [FR]	H01L21/336	METHOD FOR PRODUCING A CONDUCTIVE NANOPARTICLE MEMORY DEVICE
US2011034038 A1 20110210	US20100803568 20100629; US20060495188 20060728; US20050148001 20050607; US20050671134P 20050413; US20040578236P 20040608; US20040632570P 20041130	NANOSYS INC [US]	H01L21/3105; H01L21/28; H01L21/82; H01L27/10; H01L29/739	Methods and devices for forming nanostructure monolayers and devices including such monolayers
US2011034329 A1 20110210	FR20080001921 20080408; WO2009FR00369 20090330	COMMISSARIAT ENERGIE ATOMIQUE [FR]; ST MICROELECTRONICS CROLLES 2 [FR]	B01J37/02; B01J23/52; B01J23/745; B01J23/75; B01J23/755; B01J27/24	METHOD FOR FORMING POROUS MATERIAL IN MICROCAVITY OR MICROPASSAGE BY MECHANICO-CHEMICAL POLISHING

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US2011034585 A1 20110210	FR20070059810 20071213; WO2008EP67076 20081209		C08K9/04	METHOD OF PREPARING A TRANSPARENT POLYMER MATERIAL COMPRISING A THERMOPLASTIC POLYCARBONATE AND SURFACE-MODIFIED MINERAL NANOPARTICLES
US2011034588 A1 20110210	FR20070059808 20071213; WO2008FR52251 20081209		C08J3/22; C08K3/22; C08K3/26; C08K3/30; C08K3/34	METHOD OF PREPARING A TRANSPARENT POLYMER MATERIAL COMPRISING A THERMOPLASTIC POLYCARBONATE AND MINERAL NANOPARTICLES
US2011034600 A1 20110210	US20090646140 20091223; US20090558314 20090911; US20040888868 20040708; US20030616479 20030708; US20000629116 20000731	LOS ALAMOS NAT SECURITY LLC [US]	C08K5/17; B05D3/02	POLYMER-ASSISTED DEPOSITION OF FILMS AND PREPARATION OF CARBON NANOTUBE ARRAYS USING THE FILMS
US2011034611 A1 20110210	DE200710047432 20071004; WO2008EP61701 20080904		C08K3/04; C01B31/00	BLACK, METHOD FOR THE PRODUCTION THEREOF, AND USE THEREOF
US2011036268 A1 20110217	JP20080047331 20080228; WO2009JP53435 20090225	MURATA MANUFACTURING CO [JP]	C09D1/00; B05D3/02	ULTRAFINE ZINC OXIDE PARTICLE DISPERSION SOLUTION, METHOD FOR PRODUCING THE ULTRAFINE ZINC OXIDE PARTICLE DISPERSION SOLUTION, AND ZINC OXIDE THIN FILM



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US2011036395 A1 20110217	US20100911657 20101025; US20060466411 20060822; US20050710097P 20050822; US20050710262P 20050822	UNIV CALIFORNIA [US]; Q1 NANOSYSTEMS INC [US]	H01L31/0236; B32B3/00; C23C14/34; C23C28/00; C23F1/00; C25F3/00; C30B11/00; C30B25/00; H01L31/04	METHODS FOR FORMING NANOSTRUCTURES AND PHOTOVOLTAIC CELLS IMPLEMENTING SAME
US2011036809 A1 20110217	US20100803664 20100701; US20060516039 20060905; US20040801928 20040316	UNIV NORTHWESTERN [US]	B05D3/10	Microchannel forming method and nanotipped dispensing device having a microchannel
US2011037018 A1 20110217	US20100857431 20100816; US20090234106P 20090814		H01M4/88	CATHODE MATERIALS AND METHODS FOR PRODUCTION
US2011037020 A1 20110217	US20100911117 20101025; US20040018678 20041222	US GOVERNMENT [US]	C08K3/08; C08L63/00; C09K3/00	Highly Aromatic Compounds and Polymers as Precursors to Carbon Nanotube and Metal Nanoparticle Compositions in Shaped Solids
US2011037029 A1 20110217	US20100857430 20100816; US20090234305P 20090816		H01B1/12	Copolymer-associated nanomaterial
US2011037030 A1 20110217	DE200710058674 20071206; WO2008EP10399 20081208	SUED CHEMIE AG [DE]	H01B1/02; C01B25/26; C01B25/30; C01G23/04; C01G23/047; H01B1/04; H01M4/485; H01M4/58	NANOPARTICULATE COMPOSITION AND METHOD FOR ITS PRODUCTION
US2011038099 A1 20110217	US20070937039 20071108; US20070893564P 20070307		H01G9/155; B32B37/02; B32B38/00	ULTRACAPACITOR POWER STORAGE DEVICE
US2011038769 A1 20110217	US20100837141 20100715; US20100730160 20100323; US20050285531 20051121; US20040629834P 20041119		B01L3/02	Method and Device for Sample Preparation

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US2011038775 A1 20110217	JP20080057050 20080306; WO2009JP01001 20090305	TODA KOGYO CORP [JP]	B01D53/72; B01J21/10; B01J37/08	HYDROCARBON- DECOMPOSING POROUS CATALYST BODY AND PROCESS FOR PRODUCING THE SAME, PROCESS FOR PRODUCING HYDROGEN- CONTAINING MIXED REFORMED GAS FROM HYDROCARBONS, AND FUEL CELL SYSTEM
US2011038784 A1 20110217	US20100817818 20100617; US20090187704P 20090617	MASSACHUSETTS INST TECHNOLOGY [US]; UNIV MICHIGAN THE BOARD OF REGENTS ACTING FOR AND ON BEHALF OF THE C O TECHNOLOGY [US]; WOODS HOLE OCEANOGRAPHIC INST [US]	D01F9/12; C01B31/02	ALKYNE-ASSISTED NANOSTRUCTURE GROWTH
US2011038786 A1 20110217	US20100652292 20100105; US20060368581 20060306; US20050658502P 20050304	UNIV NORTHWESTERN [US]	D01F9/12	Separation of Carbon Nanotubes in Density Gradients
US2011038787 A1 20110217	US20100831008 20100706; US20090223232P 20090706	TECHNOLOGY TRANSFER OFFICE UNIVERSITY OF MANITOBA [CA]	D01F9/12	PARTITION AND TRANSPORTATION OF ENCAPSULATED ATOMS
US2011038900 A1 20110217	US20090990110 20090428; US20080048428P 20080428; WO2009US41932 20090428	NOVARTIS AG [CH]	A61K39/00; A61K9/00; A61P37/00	NANOPARTICLES FOR USE IN PHARMACEUTICAL COMPOSITIONS

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US2011038974 A1 20110217	US20100885015 20100917; WO2005US42895 20051123; US20050720171 20051123; US20040630988P 20041124; US20050668240P 20050404	NCC NANO LLC [US]	B22F3/10	Electrical Plating and Catalytic Uses of Metal Nanomaterial Compositions
US2011039089 A1 20110217	FR20050004231 20050427; US20050754888P 20051229; WO2006FR00821 20060414; US20060910747 20060414	TOYOTA MOTOR CO LTD [JP]	B32B3/26; C08J9/00	POLYMER-BASED CELLULAR STRUCTURE COMPRISING CARBON NANOTUBES, METHOD FOR ITS PRODUCTION AND USES THEREOF
US2011039095 A1 20110217	JP20080106351 20080416; JP20080172036 20080701; WO2009JP56640 20090331	NITTO DENKO CORP [JP]	B32B5/02; D02G3/02; D02G3/22	FIBROUS COLUMNAR STRUCTURE AGGREGATE AND PRESSURE-SENSITIVE ADHESIVE MEMBER USING THE AGGREGATE
US2011039100 A1 20110217	EP20080000094 20080106; WO2008EP11107 20081222		B81C1/00; D02G3/00; G01Q70/10; G01Q70/16	Method for Making a 3D Nanostructure Having a Nanosubstructure, and an Insulating Pyramid Having a Metallic Tip, a Pyramid Having Nano-Apertures and Horizontal and/or Vertical Nanowires Obtainable by this Method
US2011039103 A1 20110217	PT20070103838 20070928; WO2008IB53932 20080926		C01B13/32; C01F7/02; C01F7/32; C01F7/42; C01G23/047	NANOCRYSTALLINE SPHERICAL CERAMIC OXIDES, PROCESS FOR THE SYNTHESIS AND USE THEREOF

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US2011039124 A1 20110217	JP20080077520 20080325; WO2009JP55790 20090324	TORAY INDUSTRIES [JP]	B32B27/00; B05D5/12; H01B1/24	CONDUCTIVE COMPOSITE AND METHOD FOR PRODUCING THE SAME
US2011039176 A1 20110217	US20090988518 20091112; US20080113611P 20081112; US20090230764P 20090803; WO2009IL01068 20091112	UNIV RAMOT [IL]	H01M8/04; B05D5/12; H01M4/90; H01M8/10; H01M8/22	DIRECT LIQUID FUEL CELL HAVING AMMONIA BORANE OR DERIVATIVES THEREOF AS FUEL
US2011039184 A1 20110217	US20100911352 20101025; KR20040088218 20041102; US20050262812 20051101	SAMSUNG SDI CO LTD [KR]	H01M8/10; B01J21/18; C09C1/44; H01M4/38	CARBON NANOSPHERE WITH AT LEAST ONE OPENING, METHOD FOR PREPARING THE SAME, CARBON NANOSPHERE- IMPREGNATED CATALYST USING THE CARBON NANOSPHERE, AND FUEL CELL USING THE CATALYST
US2011039303 A1 20110217	US20080526015 20080205; US20070899630P 20070205; WO2008US53099 20080205		C12P19/34; B01L3/00; C07H21/04; C07K14/00	MICROFLUIDIC AND NANOFLUIDIC DEVICES, SYSTEMS, AND APPLICATIONS
US2011039341 A1 20110217	US20060517181 20060907; US20060438180 20060522; US20040823509 20040412; US20040755045 20040109; US20000606429 20000628		G01N33/00	Method for detecting nucleotide polymor-phisms using semiconductor particles
US2011039690 A1 20110217	US20060511886 20060829; US20060331445 20060111; US20040941746 20040915; US20040541463P 20040202	NANOSYS INC [US]	B01J23/52; B01J21/18; B01J23/42; C09K3/00; C22C5/02; C23C16/24; C23C16/40; H01B1/02; H01B1/04	Porous substrates, articles, systems and compositions comprising nanofibers and methods of their use and production

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US2011039947 A1 20110217	US20090989432 20090506; US20080051468P 20080508; US20080051477P 20080508; WO2009US43003 20090506	3M INNOVATIVE PROPERTIES CO [US]	A61K47/06; B32B5/00; C07F9/02	SURFACE-MODIFIED NANOPARTICLES
US2011039967 A1 20110217	US20100905949 20101015; US20050203025 20050812; US20100332039P 20100506		C08L75/04; C08G18/00; C08J9/00; C08K5/3417	Shape Memory Polymers
US2011040012 A1 20110217	EP20080155155 20080425; WO2009EP54710 20090421	INEOS MFG BELGIUM NV [BE]	C08K3/22; C08K3/08; C08K3/34; C08L29/04	OXYGEN BARRIER COMPOSITION
US2011040015 A1 20110217	JP20080104768 20080414; WO2009JP57427 20090413	SHOWA DENKO KK [JP]	C08K3/34	TRANSPARENT COMPOSITE MATERIAL AND PROCESS FOR PRODUCING THE SAME
US2011040024 A1 20110217	US20100910739 20101022; JP20060248075 20060913; US20070715496 20070308	NISSAN MOTOR [JP]	C08L83/04; C08F283/12	NANOPARTICLE AND NANOPARTICLE COMPOSITE
US2011040031 A1 20110217	EP20080007582 20080418; WO2009EP02854 20090420	NANORESINS AG [DE]	C08L31/02	INORGANIC NANOPARTICLES AND POLYMER COMPOSITE PRODUCED THEREFROM
US2011042225 A1 20110224	AU20070906759 20071213; WO2008AU01830 20081212	UNIV MONASH [AU]	G01N27/30; B05D5/12; C25D9/02; G01N27/26	ELECTROCHEMICAL NANOCOMPOSITE BIOSENSOR SYSTEM
US2011042325 A1 20110224	US20090921316 20090306; US20080034808P 20080307; US20090153861P 20090219; WO2009US36370 20090306	NDSU RES FOUNDATION [US]	C02F1/68; B01J20/26; C12N11/08	POLYMERIC DELIVERY VEHICLE FOR NANOPARTICLES
US2011042641 A1 20110224	US20070310764 20070911; US20060843681P 20060911; WO2007US19669 20070911	HARVARD COLLEGE [US]	H01L29/06; H01L21/20	BRANCHED NANOSCALE WIRES

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US2011042642 A1 20110224	FR20080051817 20080320; WO2009FR50470 20090319	ECOLE POLYTECH [FR]; CENTRE NAT RECH SCIENT [FR]; COMMISSARIAT ENERGIE ATOMIQUE [FR]	H01L29/12; H01L21/36	METHOD FOR PRODUCING NANOSTRUCTURES ON METAL OXIDE SUBSTRATE, METHOD FOR DEPOSITING THIN FILM ON SAME, AND THIN FILM DEVICE
US2011042649 A1 20110224	GB20080002912 20080215; WO2009GB50146 20090216	CARBEN SEMICON LTD	H01L51/10; B05D3/02; B05D3/10; B05D5/12; B32B3/00	Thin-Film Transistor, Carbon- Based Layer and Method of Producing Thereof
US2011042712 A1 20110224	AU20080901173 20080312; WO2009AU00293 20090312		H01L33/26; C01G21/02; H01B1/00; H01B1/02; H01B1/04; H01F1/00	TYPE OF GAPLESS SEMICONDUCTOR MATERIAL
US2011042813 A1 20110224	US20090866079 20090109; US20080026273P 20080205; WO2009US30570 20090109	VORBECK MATERIALS CORP [US]; UNIV PRINCETON [US]	H01L23/532; B05D5/12; H05K1/09	PRINTED ELECTRONICS
US2011042841 A1 20110224	US20070377501 20070814; US20060837669P 20060815; WO2007US75901 20070814		B29C47/36; B29C47/10	PROCESS FOR PRODUCING BIOPOLYMER NANOPARTICLES
US2011043037 A1 20110224	US20080022799P 20080122; WO2009US31728 20090122; US20090864217 20090122		H02J3/28; B05D5/12; C25B11/00; C25B11/04; C25B11/08; H01G9/035; H01G9/04; H01G9/058; H01L21/36; H02J9/00; H02M3/06	NANOSTRUCTURED HIGH SURFACE AREA ELECTRODES FOR ENERGY STORAGE DEVICES
US2011043099 A1 20110224	EP20080152342 20080306; WO2009EP01546 20090305	LEUCHTSTOFFWERK BREITUNGEN [DE]	H01J1/62; C09K11/54; C09K11/56	ABOS:M-BASED PHOSPHORS AND LIGHT SOURCES CONTAINING THESE PHOSPHORS

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US2011043100 A1 20110224	US20100914042 20101028; KR20050130153 20051227; US20060524952 20060922	SAMSUNG LED CO LTD [KR]	H01J1/63; C09K11/06; H01L33/44; H01L33/50; H01L33/54; H01L33/56	METHOD OF FORMING PHOSPHOR FILM AND METHOD OF MANUFACTURING LIGHT EMITTING DIODE PACKAGE INCORPORATING THE SAME
US2011043823 A1 20110224	DE200610039071 20060809; DE200610039073 20060809; WO2007EP07075 20070809		G01B9/02; B23P11/00; G02B5/28	OPTICAL FILTER AND METHOD FOR THE PRODUCTION OF THE SAME, AND DEVICE FOR THE EXAMINATION OF ELECTROMAGNETIC RADIATION
US2011043965 A1 20110224	US20100836547 20100714; US20090225797P 20090715	APPLIED NANOTECH INC [US]	H01G9/155; B05D5/12; B23K26/00; B32B3/26; H01M10/26	Applying Optical Energy to Nanoparticles to Produce a Specified Nanostructure
US2011043987 A1 20110224	US20100938759 20101103; US20050172786 20050705; US20050031074 20050110		G06F1/16; H05K7/00	METHOD OF MAKING CIRCUITIZED SUBSTRATE WITH RESISTOR INCLUDING MATERIAL WITH METAL COMPONENT AND ELECTRICAL ASSEMBLY AND INFORMATION HANDLING SYSTEM UTILIZING SAID CIRCUITIZED SUBSTRATE
US2011045031 A1 20110224	US20100876695 20100907; US20070678146 20070223; US20040790153 20040301; US20030367646 20030214; US20020356856P 20020214	ENSYSCE BIOSCIENCES INC	A61K9/00; A61P35/00	Use of Buckysome or Carbon Nanotube for Drug Delivery

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US2011045169 A1 20110224	US20100913246 20101027; JP20040210223 20040716; US20070571758 20070108; WO2005JP12897 20050713	UNIV TOKYO [JP]; KONICA MINOLTA HOLDINGS INC [JP]	B05D5/06; B05D1/12	FILM DISPERSED OF CARBON NANOTUBES AND LIGHT EMITTING BODY
US2011045179 A1 20110224	US20100938109 20101102; US20060450642 20060609; US20050694545P 20050628		B05D1/38	METHODS FOR GROWING AND HARVESTING CARBON NANOTUBES
US2011045180 A1 20110224	US20100860958 20100823; US20090272160P 20090824	UNIV HONG KONG SCIENCE & TECHN [HK]	B05D7/00	METHOD OF MANIPULATING THE SURFACE DENSITY OF FUNCTIONAL MOLECULES ON NANOPARTICLES
US2011045207 A1 20110224	JP20070078038 20070325; WO2008JP55441 20080324		C23C16/32; C23C16/50	METHOD FOR PRODUCING CARBON NANOWALLS
US2011045230 A1 20110224	US20100716135 20100302; US20050206632 20050818; US20040603203P 20040820	ILLUMINEX CORP [US]	B32B3/02	Metallic Nanowire Arrays and Methods for Making and Using Same
US2011045259 A1 20110224	DE200910036134 20090805	SCHOTT AG [DE]	B32B7/02; B05D3/06; B05D5/06; B32B17/00; C03C17/00	SUBSTRATE GLASS FOR LEDs WITH LAYER CONTAINING SCATTERING PARTICLES AND METHOD FOR PRODUCTION THEREOF
US2011045272 A1 20110224	US20100862664 20100824; US20090274974P 20090824	CAMBRIOS TECHNOLOGIES CORP [US]	C09D11/00; B32B5/02; C22B3/00	PURIFICATION OF METAL NANOSTRUCTURES FOR IMPROVED HAZE IN TRANSPARENT CONDUCTORS MADE FROM THE SAME
US2011045273 A1 20110224	JP20050334889 20051118; WO2006JP322973 20061117	BUSSAN NANOTECH RES INST INC [JP]; MITSUI BUSSAN [JP]	B32B15/04; B32B9/00; B32B27/04	COMPOSITE MATERIAL



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US2011045274 A1 20110224	US20100695766 20100128; US20090147942P 20090128	UNIV FLORIDA STATE RES FOUND [US]	B32B27/04; B05D1/18; B32B37/14	FUNCTIONALIZED NANOSCALE FIBER FILMS, COMPOSITES, AND METHODS FOR FUNCTIONALIZATION OF NANOSCALE FIBER FILMS
US2011045298 A1 20110224	US20100914134 20101028; AU20050905619 20051012; AU20050905620 20051012; US20080089986 20080729; WO2006AU01501 20061012	ADELAIDE RES & INNOVATION PTY [AU]	C03B37/075; C03B37/023; C03B37/028; G02F1/355	FABRICATION OF NANOWIRES
US2011045299 A1 20110224	MX2006NL00070 20061003; WO2007MX00045 20070403	IND PENOLES SA DE CV	C01F5/14	METHOD FOR PRODUCING STABLE, MONODISPERSED, NANOMETRIC MAGNESIUM HYDROXIDE AND RESULTING PRODUCT
US2011045352 A1 20110224	US20100858785 20100818; US20090235892P 20090821	UNIV CORNELL [US]	H01M4/131; C30B1/02; D02G3/00; H01M4/02	MESOPOROUS Co <sub>3</sub> O <sub>4</sub> NANOPARTICLES, ASSOCIATED METHODS AND APPLICATIONS
US2011045607 A1 20110224	US20090545093 20090821	UNIV NAT TAIWAN [TW]	G01N33/553	PROBE COMPOSITE, METHOD FOR MANUFACTURING THE SAME, METHOD FOR USING THE SAME, AND CONTRAST AGENT INCLUDING THE SAME

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US2011045660 A1 20110224	US20100940789 20101105; US20070760382 20070608; US20060490637 20060721; US20050106340 20050413; US20030674030 20030929; US20020414323P 20020930; US20020414359P 20020930; US20030445421P 20030205; US20030468276P 20030507; US20030474065P 20030529; US20030488	NANOSYS INC [US]	H01L21/20	Large-Area Nanoenabled Macroelectronic Substrates and Uses Therefor
US2011045969 A1 20110224	US20100869459 20100826; US20090402948 20090312; US20090610897 20091102; US20040941800 20040914; US20080069041P 20080312; US20030503668P 20030917	UCHICAGO ARGONNE LLC [US]	B01J21/04; B01J21/06; B01J23/06; B01J23/14; B01J37/02	SUBNANOMETER AND NANOMETER CATALYSTS, METHOD FOR PREPARING SIZE-SELECTED CATALYSTS
US2011046008 A1 20110224	US20100857506 20100816; US20060523124 20060918; US20050717976P 20050916		C40B30/04; C12M1/00; C40B30/06; C40B40/02; G01N33/53	SCREENING ASSAYS AND METHODS
US2011046253 A1 20110224	US20100859658 20100819; US20090235255P 20090819	HONEYWELL FED MFG & TECHNOLOGIES LLC [US]	C08J9/00; C08G79/08	POLYMERS CONTAINING BORANE OR CARBORANE CAGE COMPOUNDS AND RELATED APPLICATIONS
US2011046331 A1 20110224	EP20080007580 20080418; WO2009EP02856 20090420	NANORESINS AG [DE]	C08F230/08; C08F222/40	POLYMERISABLE MASS WITH CROSS-LINKING NANOPARTICLES
US2011046343 A1 20110224	US20100938231 20101102; US20050323067 20051230; US20040640275P 20041231	AFFYMETRIX INC [US]	C07K2/00; C07H21/00	Primer Array Synthesis and Validation

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US2011046344 A1 20110224	US20100938262 20101102; US20100855450 20100812; US20090360945 20090128; US20060324834 20060103; US20040640317P 20041231	AFFYMETRIX INC [US]	C07K2/00; C07H21/04	PARALLEL PREPARATION OF HIGH FIDELITY PROBES IN AN ARRAY FORMAT
US2011046345 A1 20110224	US20100855379 20100812; US20090233563P 20090813	GOVERNMENT OF THE US AS REPRESENTED BY THE SECRETARY OF THE NAVY [US]	C07K2/00; C07K1/107	Methods for preparing linked peptide rings and peptide nanotubes obtained thereby
US2011046346 A1 20110224	US20100862233 20100824; GB20060024423 20061206; US20090517705 20091012; WO2007GB50741 20071205	UNIV BRIGHTON [GB]	C07K14/00; C07C237/10; C07H99/00	BIOMATERIAL WITH FUNCTIONALISED SURFACES
US2011048518 A1 20110303	US20100857816 20100817; US20090246432P 20090928; US20090236960P 20090826	MOLECULAR IMPRINTS INC [US]; UNIV TEXAS [US]	H01L31/0352; H01L31/105; H01L31/18	Nanostructured thin film inorganic solar cells
US2011048956 A1 20110303	DE200810010287 20080221; DE200810029234 20080619; WO2009DE00254 20090220	HELMHOLTZ ZENT B MAT & ENERG [DE]	C25D7/12; C25D5/00	ELECTRODEPOSITION METHOD FOR THE PRODUCTION OF NANOSTRUCTURED ZNO
US2011048960 A1 20110303	US20100852092 20100806; US20090274315P 20090813		C25C1/00; C25C7/02; C25C7/06	ELECTROCHEMICAL CELL INCLUDING A PLASMA SOURCE AND METHOD OF OPERATING THE ELECTROCHEMICAL CELL
US2011048969 A1 20110303	US20100852315 20100806; GB20040000325 20040108; US20070781546 20070723; US20070585263 20070517; WO2004GB05397 20041222		G01N27/416; B05D5/12; G01N27/30	ELECTROCHEMICAL SENSOR

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US2011048982 A1 20110303	US20080919831 20081007; US20080032375P 20080228; US20080049848P 20080502; WO2008US79048 20081007	UNIV BROWN [US]	B65D69/00; B01J20/00; C01B17/00; C01B19/02; C22C5/06; C22C9/00; C22C18/00; C22C19/03	NANOSTRUCTURED SORBENT MATERIALS FOR CAPTURING ENVIRONMENTAL MERCURY VAPOR
US2011049146 A1 20110303	GB20080009063 20080519; WO2009GB01255 20090519	SUN CHEMICAL BV [NL]	B65D21/02; B05D3/02; B32B1/02; B32B27/00; C08K3/34; C08L29/04	GAS BARRIER COATINGS
US2011049412 A1 20110303	US20100941561 20101108; US20070814410 20070720; WO2006US42233 20061027; US20050730790P 20051027	UNIV CLEMSON [US]	C09K11/08; B32B5/16; H01F1/00	Fluorescent Carbon Nanoparticles
US2011049415 A1 20110303	KR20090078701 20090825	KOREA INST GEOSCIENCE & MINERA [KR]	C09K5/00; B32B5/16; C01G9/02	Fabrication Method of ZNO Nano-Particle and Fabrication Method of ZNO Nano-Fluid Using Thereof
US2011049437 A1 20110303	US20090866089 20090109; US20080026268P 20080205; WO2009US30579 20090109	UNIV PRINCETON [US]	H01B1/24; B29C65/48; H01B1/04	COATINGS CONTAINING FUNCTIONALIZED GRAPHENE SHEETS AND ARTICLES COATED THEREWITH
US2011049466 A1 20110303	US20100940251 20101105; US20090478481 20090604; US20070692153 20070327	SANDISK 3D LLC [US]	H01L47/00	LARGE ARRAY OF UPWARD POINTING P-I-N DIODES HAVING LARGE AND UNIFORM CURRENT
US2011051246 A1 20110303	DE200810018866 20080415; WO2009EP54253 20090408		G02B1/11; B05D3/10; B05D5/06	Reflection-Reducing Interference Layer System and Method for Producing It
US2011051775 A1 20110303	US20090547562 20090826	UT BATTELLE LLC [US]	G01K13/00; G01K7/00; G01K7/02; G01L9/00	CARBON NANOTUBE TEMPERATURE AND PRESSURE SENSORS

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US2011051973 A1 20110303	CN20091189819 20090825	UNIV TSINGHUA [CN]; HON HAI PREC IND CO LTD [TW]	H04R25/00; H01B11/02	EARPHONE CABLE AND EARPHONE USING THE SAME
US2011051974 A1 20110303	CN20091189818 20090825	UNIV TSINGHUA [CN]; HON HAI PREC IND CO LTD [TW]	H04R25/00; H01B11/00	EARPHONE CABLE AND EARPHONE USING THE SAME
US2011052462 A1 20110303	WO2008US00627 20080117	CARRIER CORP [US]	B01D53/38; B01J19/08	FILTERS FOR REMOVAL OF VOLATILE SILOXANES AND LIFETIME EXTENSION OF PHOTOCATALYTIC DEVICES
US2011052463 A1 20110303	US20100870291 20100827; WO2008US79048 20081007	UNIV BROWN [US]	B01D53/64	NANOSTRUCTURED SORBENT MATERIALS FOR CAPTURING ENVIRONMENTAL MERCURY VAPOR
US2011052467 A1 20110303	US20090736165 20090112; US20080070210P 20080320; WO2009US00173 20090112	UNIV AKRON [US]	B01D53/56; B01J8/02; B01J8/18; B01J23/42; B01J23/44; B01J23/46; B01J37/34	CERAMIC NANOFIBERS CONTAINING NANOSIZE METAL CATALYST PARTICLES AND MEDIUM THEREOF
US2011052609 A1 20110303	DE200810003615 20080109; WO2009DE00038 20090109		A61K33/26; A61K39/395; A61P19/02; A61P29/00; A61P31/04; A61P35/00	MAGNETIC TRANSDUCERS
US2011052671 A1 20110303	US20090863010 20090130; US20080024690P 20080130; WO2009US32534 20090130	UNIV CALIFORNIA [US]	A61K9/127; A61K9/133; A61K9/14; A61K39/44	NEAR INFRA-RED PULSED LASER TRIGGERED DRUG RELEASE FROM HOLLOW NANOSHELL DISRUPTED VESICLES AND VESOSOMES
US2011052702 A1 20110303	JP20080013280 20080124; WO2009JP50863 20090121	NAT INST OF ADVANCED IND SCIEN [JP]	A61K9/14; A61K31/7028; A61K38/00; A61P43/00; F28D21/00	Method and Apparatus for Producing Organic Nanotubes

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US2011052808 A1 20110303	US20100940002 20101104; US20070906071 20070928; US20040996520 20041123; US20040862047 20040604		C23C16/44; B05D7/24; B21D39/00; B32B9/00; B32B15/04; C23C16/00; C23C16/02; C23C16/40; C23C16/448; C23C16/455; C23C16/56	METHOD OF DEPOSITING A MULTILAYER COATING WITH A VARIETY OF OXIDE ADHESION LAYERS AND ORGANIC LAYERS
US2011052847 A1 20110303	US20100869053 20100826; US20090237385P 20090827; US20090263533P 20091123		B32B1/00; C08K3/34; C08K5/07; C08K5/09	ARTICLES OF MANUFACTURE FROM RENEWABLE RESOURCES
US2011052915 A1 20110303	JP20070031367 20070209; WO2008JP52147 20080208		C07C29/00; B32B5/16; C07C45/00	MINUTE DIAMOND POWDER, METHOD FOR COLLECTING THE SAME AND SLURRY COMPRISNG THE SAME IN SUSPENSION
US2011052918 A1 20110303	US20090988992 20090324; US20080038967P 20080324; WO2009US38092 20090324		B32B5/16; C01B17/00; C01B19/04	Magic Size Nanoclusters and Methods of Preparing Same
US2011053020 A1 20110303	US20080513524 20081107; US20080031273P 20080225; US20070986957P 20071109; WO2008US82884 20081107	UNIV WASHINGTON [US]; IDAHO RES FOUND [US]	H01M8/06; B01J21/06; B01J21/08; B01J23/00; B01J23/06; B01J23/42; B01J23/44; B01J23/50; B01J23/52; B01J23/72; B01J23/745; B01J23/75; B01J23/755; B01J27/24; C01B3/02; C01B3/16; C01B3/26; C07C5/03; F02B43/00	CATALYSTS AND RELATED METHODS
US2011053050 A1 20110303	US20070446224 20071018; US20060862014P 20061018; WO2007SG00356 20071018	AGENCY SCIENCE TECH & RES [SG]	H01M4/92; C07C29/00; C07C41/00; C07C45/00; C07C51/00; C07C303/00; C07F1/10; C07F1/12; C07F13/00; C07F15/00	METHOD OF FUNCTIONALIZING A CARBON MATERIAL

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US2011053153 A1 20110303	US20100800633 20100518; US20090179793P 20090520	ALERE SAN DIEGO INC [US]	C12Q1/68; C07H21/00; C12N9/16; C12P19/34	DNA Glycosylase/Lyase and AP Endonuclease substrates
US2011053175 A1 20110303	US20100833991 20100711; US20040993474 20041122; US20030523692P 20031121; US20040580728P 20040621	ANP TECHNOLOGIES INC [US]	G01N33/53	Asymmetrically branched polymer conjugates and microarray assays
US2011053280 A1 20110303	US20100837471 20100715; US20050156911 20050620; US20040711517 20040923; US20040581198P 20040618; US20030505114P 20030923	WISCONSIN ALUMNI RES FOUND [US]	G01N33/50; G01N30/00	Detection of Post- Translationally Modified Peptides with Liquid Crystals
US2011053286 A1 20110303	US20100901344 20101008; US20070781166 20070720; US20060832098P 20060720	LIFE TECHNOLOGIES CORP [US]	G01N21/00	METHOD AND APPARATUS FOR MOVING STAGE DETECTION OF SINGLE MOLECULAR EVENTS
US2011053352 A1 20110303	US20100926252 20101104; US20080047824 20080313	INNOVALIGHT INC [US]	H01L21/20	Method of forming a passivated densified nanoparticle thin film on a substrate
US2011053765 A1 20110303	US20100868181 20100825; US20060565463 20061130; US20050740960P 20051130	ENERG2 INC [US]; UNIV WASHINGTON [US]	C01B31/08; B01J21/06; B01J23/00; B01J23/10; B01J23/755	CARBON-BASED FOAM NANOCOMPOSITE HYDROGEN STORAGE MATERIAL
US2011053788 A1 20110303	US20010016416 20011210; US19990428155 19991027; US19980105875P 19981027	CLINICAL MICRO SENSORS INC [US]	C40B30/04; B01J13/00	DETECTION OF TARGET ANALYTES USING PARTICLES AND ELECTRODES

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US2011053794 A1 20110303	US20100869504 20100826; US20090237034P 20090826; US20100310875P 20100305		C40B30/04; C40B40/18; C40B60/12	NANOSTRUCTURED SUBSTRATES FOR SURFACE ENHANCED RAMAN SPECTROSCOPY (SERS) AND DETECTION OF BIOLOGICAL AND CHEMICAL ANALYTES BY ELECTRICAL DOUBLE LAYER (EDL) CAPACITANCE
US2011053927 A1 20110303	US20090989148 20090420; US20080125211P 20080423; WO2009US41083 20090420	MERCK SHARP & DOHME [US]	A61K31/5377; A61K9/14; A61P1/08; B01J19/10	NANOPARTICLE FORMATION VIA RAPID PRECIPITATION
US2011054102 A1 20110303	US20100861985 20100824; US20060443384 20060530; US20050685275P 20050527		C08K3/22; B28B3/00	Inert Wear Resistant PTFE-Based Solid Lubricant Nanocomposite
US2011054107 A1 20110303	JP20070181907 20070711; WO2008JP62069 20080703	IDEMITSU KOSAN CO [JP]	C08L69/00	FLAME-RETARDANT POLYCARBONATE RESIN COMPOSITION AND MOLDED ARTICLE THEREOF
US2011056123 A1 20110310	US20070440165 20070904; US20060824514P 20060905; US20070911159P 20070411; US20070938314P 20070516; WO2007US77545 20070904	CERION TECHNOLOGY INC [US]	C10L1/188; C01F17/00; C09K3/14; C10L1/12	METHOD OF PREPARING CERIUM DIOXIDE NANOPARTICLES
US2011056411 A1 20110310	DE200710059424 20071210; WO2008EP67092 20081209	EPG ENGINEERED NANOPRODUCTS GERMANY AG [DE]	C04B16/00; B32B37/00; B32B37/24	CEMENT ADDITIVES FOR OIL-COMPATIBLE CEMENTS
US2011056543 A1 20110310	WO2007IB04465 20071228	UNIV AIX MARSEILLE II [FR]	H01L31/0352; H01L21/04; H01L29/06	HYBRID NANOCOMPOSITE



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US2011056564 A1 20110310	US20090991518 20090507; US20080052003P 20080509; WO2009US43069 20090507		H01L31/0264; B05D5/12; C01B17/00; C01B19/00; G02F1/355; H01B1/02; H01L31/0272	NANOPARTICLES AND METHODS OF MAKING AND USING
US2011056593 A1 20110310	KR20090029944 20090407; KR20090045395 20090525; WO2009KR04294 20090731	IUCF HYU [KR]	B22F1/00	Flaky Powder for an Electromagnetic Wave Absorber, and Method for Producing Same
US2011057125 A1 20110310	US20080673728 20080814; US20070935530P 20070817; WO2008US73197 20080814	MASSACHUSETTS INST TECHNOLOGY [US]	G21G7/00; F21V9/00	LIGHT EMITTING MATERIAL
US2011057153 A1 20110310	US20080060506 20080401; US20070846972 20070829	IBM [US]	H01B1/02; H01B1/00	DNA-BASED FUNCTIONALIZATION OF SINGLE WALLED CARBON NANOTUBES FOR DIRECTED ASSEMBLY
US2011057561 A1 20110310	US20100945559 20101112; KR20060130662 20061220; KR20070063032 20070626; US20070819824 20070629		H01J1/63	ORGANIC ELECTROLUMINESCENT DEVICE AND METHOD FOR MANUFACTURING THE SAME
US2011058308 A1 20110310	JP20070321170 20071212; JP20080120233 20080502; WO2008JP72330 20081209		H01G9/145; B01J35/02; B05D3/00; D01F9/12; H01B1/04	Metal Encapsulated Dendritic Carbon Nanostructure, Carbon Nanostructure, Process for Producing Metal Encapsulated Dendritic Carbon Nanostructure, Process for Producing Carbon Nanostructure, and Capacitor

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US2011059006 A1 20110310	US20100880862 20100913; US20060404142 20060413; US20050671001P 20050413	CONTINENTAL CARBON CO [US]	C01B31/02; C01B31/06; D01F9/12	Methods for Production of Carbon Nanomaterials in the Presence of a Carbon Black Catalyst
US2011059017 A1 20110310	US20100758599 20100412; US20070622915 20070112; US20060758873P 20060113	BECTON DICKINSON CO [US]	A61K49/00	POLYMER COATED SERS NANOTAG
US2011059181 A1 20110310	WO2009CN73180 20090811	NANOPAX PHARMA LLC [US]	A61K9/14; A61K31/337; A61K31/352; A61P35/00; B05D7/00	METHODS FOR DRUG DELIVERY COMPRISING UNFOLDING AND FOLDING PROTEINS AND PEPTIDE NANOPARTICLES
US2011059231 A1 20110310	US20100813505 20100611; US20080330499 20081208; US20070012020P 20071206		B05D5/06; C23C16/06	METHODS AND DEVICES FOR PROCESSING A PRECURSOR LAYER IN A GROUP VIA ENVIRONMENT
US2011059243 A1 20110310	US20100941549 20101108; US20070680419 20070228		B05D3/00	ADHERENDS WITH ENHANCED SURFACES
US2011059261 A1 20110310	JP20080096539 20080402; JP20080121717 20080507; JP20080178233 20080708; WO2009JP01256 20090323		B05D1/04; B05B5/035; D04H1/56; D04H1/728; D04H3/16	NANOFIBER MANUFACTURING APPARATUS AND NANOFIBER MANUFACTURING METHOD
US2011059333 A1 20110310	US20100941919 20101108; US20060484083 20060710; US20050706059P 20050805		B32B15/00; B32B15/20	Nanostructured Composite Electrode
US2011059520 A1 20110310	US20100923888 20101013; JP20050269029 20050915; JP20060126262 20060428; US20060491128 20060724	HITACHI LTD [JP]	C12M1/34	Deoxyribonucleic acid measuring apparatus and method of measuring deoxyribonucleic acid

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US2011059535 A1 20110310	US20100773382 20100504; US20090366471 20090205; US19980096593 19980612; US19970049489P 19970612	OSMETECH TECHNOLOGY INC [US]	G01N27/02; C08F290/14; G01N33/543; G01N33/58	Electronic Methods for the Detection of Analytes
US2011059568 A1 20110310	TW20080105295 20080215	UNIV NAT CHIAO TUNG [TW]	H01L35/34	METHOD FOR FABRICATING NANOSCALE THERMOELECTRIC DEVICE
US2011059599 A1 20110310	US20100879400 20100910; US20090241359P 20090910; US20100326561P 20100421	LOCKHEED CORP [US]	H01L21/20	Graphene Nanoelectric Device Fabrication
US2011059613 A1 20110310	US20100946964 20101116; KR20040057142 20040722; US20050186913 20050721		H01L21/31; H01L21/20	MASK PATTERN FOR SEMICONDUCTOR DEVICE FABRICATION, METHOD OF FORMING THE SAME, AND METHOD OF FABRICATING FINELY PATTERNED SEMICONDUCTOR DEVICE
US2011059841 A1 20110310	US20100948436 20101117; US20060582763 20061018		B01J31/06	Photocatalytically Active Polysiloxane Coating Compositions
US2011059842 A1 20110310	US20080665692 20080620; US20070945491P 20070621; WO2008US67780 20080620	RICE UNIVERSITY [US]; UNIV LEHIGH [US]	B01J23/30; B01J21/06; B01J37/02; B01J37/08	Tungstated Zirconia Nanocatalysts
US2011059871 A1 20110310	US20100832797 20100708; WO2009US30498 20090108; US20080019765P 20080108; US20080026049P 20080204; US20080026377P 20080205	UNIV RICE WILLIAM M [US]	C09K8/03; C01B31/04; C01B33/26; C07C61/00; C07D315/00	Graphene Compositions And Drilling Fluids Derived Therefrom

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US2011060087 A1 20110310	JP20080106581 20080416; JP20080181248 20080711; WO2009JP57198 20090408	NISSIN KOGYO KK [JP]; MEFS KABUSHIKI KAISHA [JP]	C08K3/18; C01B31/00	CARBON NANOFIBER, METHOD FOR PRODUCTION THEREOF, METHOD FOR PRODUCTION OF CARBON FIBER COMPOSITE MATERIAL USING CARBON NANOFIBER, AND CARBON FIBER COMPOSITE MATERIAL
US2011060162 A1 20110310	JP20080143698 20080530; JP20080158360 20080617; JP20080158361 20080617; JP20080174825 20080703; JP20080212224 20080820; JP20080258877 20081003; JP20080292750 20081114; WO2009JP59820 20090528	MITSUBISHI HEAVY IND LTD [JP]	C07C51/00; B01J8/00; B01J8/18; C07C29/00; C07C41/01; C07C45/00	NANO-CARBON MATERIAL PRODUCTION APPARATUS AND METHOD
US2011060269 A1 20110310	US20100943165 20101110; JP20050276706 20050922; JP20050276707 20050922; US20080883212 20080703; WO2006JP306179 20060327	TOTO LTD [JP]	A61M37/00	METHOD FOR KILLING CELLS USING PHOTOCATALYTIC TITANIUM DIOXIDE PARTICLES
US2011061734 A1 20110317	KR20090085734 20090911	KOREA MACH & MATERIALS INST [KR]	H01L31/0232; H01L21/3065; H01L31/0236	METHOD FOR FORMING NANO SIZE TURF ON TRANSPARENT POLYMER FILMS USED IN SOLAR CELLS, AND METHOD FOR ENHANCING TRANSMITTANCE OF TRANSPARENT POLYMER FILMS OF SOLAR CELLS

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US2011061891 A1 20110317	US20100757673 20100409; US20090212409P 20090410	RENSSELAER POLYTECH INST [US]	H01B3/30; B05D3/02; B32B3/26; C08L63/00; D02G3/00	DIBLOCK COPOLYMER MODIFIED NANOPARTICLE- POLYMER NANOCOMPOSITES FOR ELECTRICAL INSULATION
US2011062003 A1 20110317	US20100893444 20100929; US20060480812 20060705	GEN ELECTRIC [US]	H01H1/06; B05D1/02; B05D3/00; B05D5/00; B05D5/12	CONTACT MATERIAL, DEVICE INCLUDING CONTACT MATERIAL, AND METHOD OF MAKING
US2011062388 A1 20110317	US20100953309 20101123; US20070903820 20070924; US20060826747P 20060924		H01B1/20	Formulations for Voltage Switchable Dielectric Materials Having a Stepped Voltage Response and Methods for Making the Same
US2011062390 A1 20110317	US20080743121 20081117; US20070996433P 20071116; US20080064837P 20080328; WO2008US12844 20081117	LUNA INNOVATIONS INC [US]	H01B1/12; C07F3/00	DERIVATIVES OF NANOMATERIALS AND RELATED DEVICES AND METHODS
US2011062411 A1 20110317	US20090561694 20090917	IBM [US]	H01L29/12; H01L21/336; H01L21/762	MOSFET with a Nanowire Channel and Fully Silicided (FUSI) Wrapped Around Gate
US2011062419 A1 20110317	JP20080141161 20080529; WO2009JP02269 20090522		H01L29/06; H01L21/336	FIELD EFFECT TRANSISTOR AND METHOD FOR MANUFACTURING THE SAME
US2011062430 A1 20110317	US20090994273 20090601; US20080057982P 20080602; WO2009US45850 20090601		H01L51/54; C01B21/00; C01B35/00; C01F17/00; C09K11/02; C09K11/62; H01L33/32	BLUE LIGHT EMITTING NANOMATERIALS AND SYNTHESIS THEREOF

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US2011062608 A1 20110317	US20100821688 20100623; US20050272194 20051110; US20040626792P 20041110; US20050651288P 20050209	UNIV MICHIGAN [US]	B29B9/12	MULTI-PHASIC NANOPARTICLES
US2011062993 A1 20110317	US20100951896 20101122; US20090476808 20090602; US20060602795 20061121; US20040917893 20040813; US20030494889P 20030813	NANTERO INC [US]	H03K19/20; G11C13/02; H01H59/00; H01L21/00; H01L27/28; H01L29/06; H01L29/72; H01L29/73; H01L29/78; H01L51/30	NANOTUBE-BASED SWITCHING ELEMENTS AND LOGIC CIRCUITS
US2011063375 A1 20110317	US20100947610 20101116; AU1997PO07991 19970715; AU1998PP02592 19980325; US20080272759 20081117; US20060583895 20061020; US20060450585 20060612; US20050165055 20050624; US20030698412 20031103; US20020160273 20020604; US19980112767 19980710	SILVERBROOK RES PTY LTD	B41J2/05; B41J2/14; B41J2/16; B41J2/175; B41J3/42; B41J3/44; B41J11/00; B41J11/70; B41J15/04; G06F1/16; G06K1/12; G06K7/14; G06K19/06; G06K19/073; G07F7/08; G07F7/12; G11C11/56; H04N1/21; H04N1/32; H04N5/225; H04N5/262	EJECTION NOZZLE ARRANGEMENT HAVING DYNAMIC AND STATIC STRUCTURES
US2011064256 A1 20110317	CN20091190388 20090917	UNIV TSINGHUA [CN]; HON HAI PREC IND CO LTD [TW]	H04R1/02	VOICE COIL AND LOUDSPEAKER USING THE SAME
US2011064775 A1 20110317	ES20080001230 20080429; WO2009ES70128 20090429	CONSEJO SUPERIOR INVESTIGACION [ES]; INST CATALA DE NANOTECNOLOGIA [ES]	A61K9/00; A61K39/00; A61P37/04; B01J31/12; H01F1/00	METALLO-ORGANIC SYSTEM FOR THE ENCAPSULATION AND RELEASE OF COMPOUNDS OF INTEREST, METHOD FOR OBTAINING SAME AND USES THEREOF

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US2011064784 A1 20110317	EP20070115196 20070829; WO2008EP61429 20080829	VITO [BE]	A61K9/70; A61F2/28; A61K35/12; A61K38/16; A61P19/08; B05D5/00; B32B3/10; B32B3/30	METHOD FOR PRODUCING A THREE-DIMENSIONAL MACROPOROUS FILAMENT CONSTRUCT BASED ON PHASE INVERSION AND CONSTRUCT THEREBY OBTAINED
US2011064825 A1 20110317	US20090811985 20090109; US20080010515P 20080109; US20080065060P 20080209; WO2009US00130 20090109	UMICORE AG & CO KG [DE]	B22F9/24; A61K33/24; A61K33/38; B01J31/02; C09D105/00; C22C5/02; C22C5/04; C22C5/06; H01B1/02	Method for preparing dispersions of precious metal nanoparticles and for isolating such nanoparticles from said dispersions
US2011064873 A1 20110317	US20100948080 20101117; TW20070150556 20071227; US20080155036 20080529	UNIV NAT TAIWAN [TW]	B05D3/02; C23C14/34	METHOD FOR PRODUCING CARBON NANOCOILS
US2011064910 A1 20110317	CN20091306923 20090911	CHIMEI INNOLUX CORP [TW]	B32B5/12; B05D3/06	LIGHT TRANSMISSIVE FILM AND FABRICATION METHOD OF LIGHT TRANSMISSIVE FILM
US2011064938 A1 20110317	US20100769144 20100428; US20030722929 20031126; US20060481130 20060705; US20040026011 20041231		B32B3/26; C08J9/06	THERMOPLASTIC FOAMS AND METHOD OF FORMING THEM USING NANO- GRAPHITE
US2011065570 A1 20110317	US20100946170 20101115; CN20071022235 20070510; US20090524561 20090724; WO2008CN70936 20080512	UNIV NANJING [CN]	H01M4/88; B01J27/24	Electrode Catalyst of Carbon Nitride Nanotubes Supported by Platinum and Ruthenium Nanoparticles and Preparation Method Thereof
US2011065588 A1 20110317	US20100950729 20101119; US20050226696 20050913; US20050073160 20050304		C40B20/00	SENSOR ARRAYS AND NUCLEIC ACID SEQUENCING APPLICATIONS

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US2011065611 A1 20110317	US20100803860 20100708; US20040925528 20040825		C40B50/14; C40B60/14	Apparatus for treatment of light-sensitive biopolymers
US2011065820 A1 20110317	US20100948124 20101117; TW20060149391 20061228; US20070938260 20071110	UNIV CHUNG YAN CHRISTIAN [TW]	C08J9/00	METHOD FOR FABRICATING AEROGELS AND THEIR APPLICATIONS IN BIOCOMPOSITES
US2011065944 A1 20110317	US20080992746 20081022; US20080071756P 20080515; WO2008US11997 20081022	LUNA INNOVATIONS INC [US]	C07F5/00; C07C211/33	NEW REACTIONS OF FULLERENES
US2011065946 A1 20110317	US20100948911 20101118; US20050273054 20051114; US20040627722P 20041112	UNIV RICE WILLIAM M [US]	C07F7/18	FLUORINATED NANODIAMOND AS A PRECURSOR FOR SOLID SUBSTRATE SURFACE COATING USING WET CHEMISTRY
US2011068254 A1 20110324	US20100953179 20101123; JP20070215715 20070822; US20080195213 20080820	FUJIFILM CORP [JP]	H01L27/28; H01L27/146; H01L31/10; H01L51/42; H04N5/335; H04N5/361; H04N5/369	PHOTOELECTRIC CONVERSION ELEMENT, METHOD FOR PRODUCING PHOTOELECTRIC CONVERSION ELEMENT, AND SOLID-STATE IMAGING DEVICE
US2011068290 A1 20110324	US20090994678 20090529; US20080057656P 20080530; WO2009US45735 20090529	UNIV CALIFORNIA [US]	H01F1/42; C01B31/00; C07C15/20; C07C17/02; C07C22/04; C07C39/225; C07C45/27; C07C49/603; C07C63/42; C07D303/04; C25B3/00; H01B1/12	CHEMICAL MODULATION OF ELECTRONIC AND MAGNETIC PROPERTIES OF GRAPHENE
US2011068291 A1 20110324	US20080313945 20081126; US20070004520P 20071128	NAT INST OF AEROSPACE ASSOCIATES [US]	H01F1/26; B05D1/24; B05D3/10	Metallized nanotube polymer composite (MNPC) and methods for making same



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US2011068297 A1 20110324	US20100952978 20101123; US20050179617 20050713; US20040902142 20040730; US20020307346 20021202; US19970998264 19971224; US19970840523 19970421; US19960032346P 19961204; US19960016060P 19960423	HYDRO QUEBEC [CA]	H01M4/90; C01B25/45; H01M4/58	CATHODE MATERIALS FOR SECONDARY (RECHARGEABLE) LITHIUM BATTERIES
US2011068307 A1 20110324	US20100926485 20101122; JP20050262254 20050909; JP20060172462 20060622; JP20060194645 20060714; US20080073465 20080305; WO2006JP317543 20060905	TODA KOGYO CORP [JP]	G02B5/23; C09D11/02	Colored composite microparticles, process for producing the colored composite microparticles, colorant, color filter and ink for ink-jet printing
US2011068321 A1 20110324	US20100888881 20100923; GB20090016699 20090923; US20090246287P 20090928	NANOCO TECHNOLOGIES LTD [GB]	H01L33/04; H01B1/00; H01B1/02; H01B1/04; H01B1/12; H01L21/20	Semiconductor nanoparticle-based materials
US2011069308 A1 20110324	US20100802684 20100611; US20090186062P 20090611	UNIV GEORGIA [US]	G01J3/44	Methods of Melamine detection and quantification
US2011069860 A1 20110324	CN20091190386 20090918	UNIV TSINGHUA [CN]; HON HAI PREC IND CO LTD [TW]	H04R1/00; B32B3/10; B32B3/30	DAMPER AND LOUDSPEAKER USING THE SAME
US2011070143 A1 20110324	US20100886805 20100921; US20090244251P 20090921	AMETHYST RES INC [US]	C01B33/021; B01J19/12	Hydrogenation Of Polysilicon Nanowires
US2011070424 A1 20110324	US20100807597 20100909; US20060601931 20061120		B32B3/26; C08J9/00	Size-selective polymer system
US2011070443 A1 20110324	US20100854611 20100811; GB20040009877 20040430; US20060579050 20061027; WO2005GB01611 20050427	NANOCO TECHNOLOGIES LTD [GB]	B32B15/04; B29B9/12; C01B19/00; C30B7/00; C30B7/14; C30B29/48; C30B29/60	Preparation of Nanoparticle Materials

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US2011070452 A1 20110324	US20100927586 20101118; US20070983815 20071109; US20060858234P 20061109	UNIV NEW YORK	B32B17/06; B05D3/02; B05D3/06	Graded glass/zirconia/glass structures for damage resistant ceramic dental and orthopedic prostheses
US2011070659 A1 20110324	US20100786133 20100524; US20050036707 20050113; WO2003US21786 20030714; US20040573440P 20040521	QIAGEN SCIENCES INC [DE]	G01N33/543; B01L3/00; B01L9/00; C23C26/00; C23C30/00; G01N1/00; G01N21/00; G01N21/76; G01N24/00; G01N30/96; G01N33/50	SAMPLE PRESENTATION DEVICE
US2011070737 A1 20110324	US20100957136 20101130; KR20050097157 20051014; US20060580226 20061013		H01L21/302; C01F17/00; C09K13/00	METHOD FOR PREPARING OF CERIUM OXIDE POWDER FOR CHEMICAL MECHANICAL POLISHING AND METHOD FOR PREPARING OF CHEMICAL MECHANICAL POLISHING SLURRY USING THE SAME
US2011071046 A1 20110324	US20100888862 20100923; GB20000015443 20000623; GB20000026099 20001025; US20010888313 20010622; US20000246851P 20001108		C40B30/04; B01J19/00; B01L3/02; C07K16/18; C12N15/10; C12Q1/68; C40B30/00; C40B30/06; C40B30/08; C40B50/00; C40B50/06; G01N33/543; G01N33/68; G01N35/10	MATRIX SCREENING METHOD
US2011071596 A1 20110324	US20100842029 20100722; AU20070906334 20071119; AU20090903424 20090722; WO2008AU01718 20081119		A61F11/04; A61N1/36; H01R43/00	ELECTRODE CONTACTS FOR A MEDICAL IMPLANT
US2011071681 A1 20110324	CN20091190734 20090923	UNIV TSINGHUA [CN]; HON HAI PREC IND CO LTD [TW]	G05D23/19; B01L7/00; F24F11/02; H05B1/00	THERMAL CYCLER
US2011073003 A1 20110331	US20100956913 20101130; US20060463500 20060809	MASSACHUSETTS INST TECHNOLOGY [US]	C09K3/18	Superhydrophilic coatings

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US2011073010 A1 20110331	US20100958631 20101202; US20070946044 20071128; US20060871337P 20061221	DU PONT [US]	C09D1/00; C08F2/46; D01F9/12	PROCESS FOR DEMETALLIZATION OF CARBON NANOTUBES
US2011073243 A1 20110331	US20080677429 20080912; US20070972571P 20070914; WO2008US76204 20080912		B29C55/22; B29C70/88	Drawing Process for the Continuous Fabrication of Nanofibers Made of a Variety of Materials
US2011073358 A1 20110331	JP20090222549 20090928; JP20090296518 20091226; JP20100216683 20100928	KYOCERA CORP [JP]	H05K1/00; B32B3/30	CIRCUIT SUBSTRATE, LAMINATED BOARD AND LAMINATED SHEET
US2011073473 A1 20110331	US20090570211 20090930	HONEYWELL INT INC [US]	G01N27/30; B05D5/00; C03C17/34	THREE-Dimensionally Ordered Macroporous Sensor Apparatus and Method
US2011073547 A1 20110331	EP20080009923 20080530; WO2009EP03195 20090505	MERCK PATENT GMBH [DE]	B01D15/36; B01J39/26	Ce(IV)-initiated graft polymerisation on polymers containing no hydroxyl groups
US2011073563 A1 20110331	US20090566924 20090925	IND TECH RES INST [TW]	C23F1/00	Patterning Method for Carbon-Based Substrate
US2011073827 A1 20110331	US20100869215 20100826; US20090237155P 20090826	UNIV MARYLAND [US]	H01L27/04; H01L21/62	NANODEVICE ARRAYS FOR ELECTRICAL ENERGY STORAGE, CAPTURE AND MANAGEMENT AND METHOD FOR THEIR FORMATION
US2011073836 A1 20110331	US20100776796 20100510; US20090178127P 20090514	GOVERNMENT OF THE US AS REPRESENTED BY THE SECRETARY OF THE NAVY [US]	H01L31/0352; H01B1/24	High Power Density Photo- electronic and Photo-voltaic Materials and Methods of Making
US2011074650 A1 20110331	CN20091308053 20090930	SHENZHEN FUTAIHONG PREC IND CO [CN]; FIH HONG KONG LTD [HK]	H01Q1/38; H01Q1/42	ANTENNA MODULE AND HOUSING HAVING THE SAME

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US2011076488 A1 20110331	KR20080045426 20080516; WO2009KR02569 20090514	POSCO [KR]	B32B5/00; B32B15/08; C08K3/34; C08K5/01; C08K5/05; C08K5/06; C08K5/07; C08K5/17	Resin Composition for Pre-Coated Steel Sheet and Steel Sheet Having Excellent Processability, Heat Resistance and Corrosion Resistance Properties
US2011076497 A1 20110331	US20100891300 20100927; US20090245920P 20090925	UNIV FLORIDA [US]	B32B1/08	COATED CARBON NANOTUBES AND METHOD FOR THEIR PREPARATION
US2011077147 A1 20110331	US20100961870 20101207; US20080338736 20081218; US20070008605P 20071220	UCHICAGO ARGONNE LLC [US]	H01M4/88; B01J23/42	Nanosegregated Surfaces As Catalysts for Fuel Cells
US2011077176 A1 20110331	US20100961629 20101207; US20070769247 20070627; US20070728953 20070327; US20060498527 20060803; US20060347664 20060203; US20050649594P 20050204	OXANE MATERIALS INC [US]	C09K8/80; H05B6/64	Composition And Method For Making A Proppant
US2011077328 A1 20110331	US20090936001 20090407; US20080044820P 20080414; WO2009US39722 20090407		C08L63/00	USE OF FILLER THAT UNDERGOES ENDOTHERMIC PHASE TRANSITION TO LOWER THE REACTION EXOTHERM OF EPOXY BASED COMPOSITIONS
US2011077341 A1 20110331	US20100957783 20101201; US20080121278 20080515	ESSILOR INT [FR]	C08K3/22; C07F7/18; C09D183/16	SULFUR MODIFIED SILANES FOR THE ELABORATION OF HIGH REFRACTIVE INDEX MATERIALS

Número do Pedido	País e Nº da Prioridade	Nome(s) do(s) Depositantes	CIP	Título
US2011077392 A1 20110331	US20090993746 20090626; US20080076866P 20080630; WO2009US48739 20090626		C07H1/00; C07C29/78	METHOD OF CRYSTALLIZATION
US2011081526 A1 20110407	US20100898416 20101005; US20070847263 20070829; US20020320721 20021217; US20010341614P 20011217	UNIV NORTHWESTERN [US]	B32B3/10; B05D5/12; G03F7/00	PATTERNING OF SOLID STATE FEATURES BY DIRECT WRITE NANOLITHOGRAPHIC PRINTING
US2011081770 A1 20110407	US20060467058 20060824; US20050162548 20050914; US20040611055P 20040916; US20040610669P 20040917; US20040617628P 20041009	ATOMATE CORP [US]	H01L21/28	REMOVING UNDESIRABLE NANOTUBES DURING NANOTUBE DEVICE FABRICATION
US2011082024 A1 20110407	US20090997262 20090528; US20080129184P 20080610; WO2009CA00705 20090528		B01J21/18; B01J35/00; B01J37/34; B32B5/16; C01B31/02	Controllable Synthesis of Porous Carbon Spheres, and Electrochemical Applications Thereof
US2011082027 A1 20110407	US20100965487 20101210; JP20070079469 20070326; JP20070127296 20070511; JP20080087837 20080328; JP20080087840 20080328; JP20080244432 20080924; JP20080331910 20081226; US20090383840 20090327; US20080079417 20080326; US20080040151P 20080328	TOTO LTD [JP]	B01J31/06; B01J21/06; B01J21/08; B01J31/02	PHOTOCATALYST-COATED BODY AND PHOTOCATALYTIC COATING LIQUID THEREFOR
US2011082034 A1 20110407	JP20080169942 20080630; WO2009JP61555 20090618		B01J21/18; C09K11/65; H01M4/90	NANOTUBE-NANOHORN COMPLEX AND METHOD OF MANUFACTURING THE SAME

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US2011082413 A1 20110407	US20090935122 20090330; US20080040365P 20080328; WO2009US38849 20090330	GEORGIA TECH RES INST [US]	A61N1/30; G01R1/06	ELECTRODE ARRAYS AND METHODS OF MAKING AND USING SAME
US2011083319 A1 20110414	US20100953076 20101123; US20090509993 20090727; US20050264935 20051102; US20040624428P 20041102; US20040624297P 20041102	NANTERO INC [US]	H01H11/00	METHODS OF MAKING NANOTUBE SWITCHES
US2011083890 A1 20110414	JP20090237244 20091014; JP20100049109 20100305	SUMITOMO BAKELITE CO [JP]	H05K1/00; B32B15/092; B32B27/38; C08L63/00	EPOXY RESIN COMPOSITION, PREPREG, METAL-CLAD LAMINATE, PRINTED WIRING BOARD AND SEMICONDUCTOR DEVICE
US2011084231 A1 20110414	US20100923728 20101005; US20090272567P 20091006		C07C51/16; C07C51/255; C07C51/34; C07C53/02; C07C53/08; C07C55/10; C07C57/145; C07C57/15	Method and process of producing short chain fatty acids from waste stream containing phenolic lignin model compounds by controlled photocatalytic oxidation with titanium dioxide nanocatalyst in the presence of ultraviolet radiation
US2011084238 A1 20110414	EP20080157361 20080530; WO2009EP56520 20090528	BASF SE [DE]	H01B1/02; B29B9/00; B32B5/16; C01G31/02; H01B1/04; H01B1/12; H01M4/131; H01M4/485; H01M4/90	PROCESS FOR PREPARING LITHIUM VANADIUM OXIDES AND THEIR USE AS CATHODE MATERIAL
US2011084271 A1 20110414	JP20090236780 20091014	SEMICONDUCTOR ENERGY LAB [JP]	H01L29/12; H01L33/08	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF

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US2011084326 A1 20110414	US20100898159 20101005; US20090587401 20091005	UNIV VANDERBILT [US]	H01L29/94; C01F17/00; C25D15/00	Densely-Paced Films of Lanthanide Oxide Nanoparticles Via Electrophoretic Deposition
US2011084424 A1 20110414	JP20080148025 20080605; WO2009JP60289 20090604	ASAHI GLASS CO LTD [JP]	B29C59/02	MOLD FOR NANOIMPRINTING, ITS PRODUCTION PROCESS, AND PROCESSES FOR PRODUCING MOLDED RESIN HAVING FINE CONCAVO-CONVEX STRUCTURE ON ITS SURFACE AND WIRE-GRID POLARIZER
US2011085008 A1 20110414	US20100973463 20101220; AU1997PO07979 19970715; AU1997PO07991 19970715; US20090435372 20090504; US20050075918 20050310; US20010922105 20010806; US19980113053 19980710	SILVERBROOK RES PTY LTD	B41J2/135; B41J2/14; B41J2/16; B41J2/175; B41J3/42; B41J3/44; B41J11/00; B41J11/70; B41J15/04; B42D15/10; G06F1/16; G06F21/00; G06K1/12; G06K7/14; G06K19/06; G06K19/073; G07F7/08; G07F7/12; G11C11/56; H04N1/21; H04N1/32; H04N5/225; H04N5/262	PRINthead ASSEMBLY HAVING RECESSED PRINthead
US2011085281 A1 20110414	JP20080146533 20080604; WO2009JP56297 20090327	KYOCERA CORP [JP]	H01G4/06; C04B35/468	DIELECTRIC CERAMIC AND CAPACITOR

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US2011085759 A1 20110414	JP20080087580 20080328; JP20080225924 20080903; WO2009JP56271 20090327	KITAKYUSHU FOUND FOR THE ADV OF IND SCI & TECH [JP]	G02B6/00; B32B9/00	COMPOSITE THIN FILM, AND ATMOSPHERE SENSOR AND OPTICAL WAVEGUIDE SENSOR EACH INCLUDING THE SAME
US2011085939 A1 20110414	WO2009US53628 20090813; US20100892911 20100928	IMIPLEX LLC [US]	G01N33/00; B05D1/36; B05D3/02; B05D3/06; B05D3/10; C07K14/00; C07K14/195; C07K14/36; C07K19/00; C12N9/02; C12N9/04; C12N9/12; C12N9/88; C12N9/90; C12N9/96; G03F7/20	NODE POLYPEPTIDES FOR NANOSTRUCTURE ASSEMBLY
US2011085961 A1 20110414	JP20080058825 20080307; WO2009JP54284 20090306		D01F9/12; B01J19/00	CARBON NANO-TUBE MANUFACTURING METHOD AND CARBON NANO-TUBE MANUFACTURING APPARATUS
US2011085964 A1 20110414	US20070223108 20070118; US20060759568P 20060118; WO2007US60668 20070118		C01G31/02	Method of Preparing Vanadium Dioxide Nanoparticles
US2011086176 A1 20110414	US20100899867 20101007; KR20070052868 20070530; US20080043519 20080306	SAMSUNG ELECTRONICS CO LTD [KR]	H01B1/24; B05D1/18	CARBON NANOTUBE HAVING IMPROVED CONDUCTIVITY, PROCESS OF PREPARING THE SAME, AND ELECTRODE COMPRISING THE CARBON NANOTUBE



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US2011086438 A1 20110414	US20100967964 20101214; US20050317518 20051222; US20030749529 20031230		G01N33/543; G01N29/02; G01N29/036; G01N29/34; G01N33/53	BIOSENSOR UTILIZING A RESONATOR HAVING A FUNCTIONALIZED SURFACE
US2011086464 A1 20110414	US20100902392 20101012; US20090250827P 20091012	UNIV TEXAS [US]	H01L51/48; B05D5/12; D01F9/12	TUNING OF FE CATALYSTS FOR GROWTH OF SPIN- CAPABLE CARBON NANOTUBES
US2011086756 A1 20110414	US20100973462 20101220		B01J37/025; B01J21/18; B01J37/08; H01L21/322	METHOD FOR PREPARING SILICON INTERCALATED MONOLAYER GRAPHENE
US2011086779 A1 20110414	US20100950698 20101119; US20020107122 20020326; US20000574748 20000518; US19990353555 19990714; US19980115455 19980714	ZYOMYX INC [US]	C40B30/08; C40B30/00; G01N33/543; G01N33/551	ARRAYS OF PROTEIN CAPTURE AGENTS AND METHODS OF USE THEREOF
US2011086781 A1 20110414	US20060508092 20060822; US20010033470 20011228; US19990380545 19991222; WO1998US04513 19980306; US19970067325P 19971205; US19970064531P 19971105; US19970063675P 19971029; US19970055037P 19970808; US19970047854P 19970529; US19970040152P 19970307	UNIV RICE WILLIAM M [US]	C40B50/18; B82B3/00; C01B31/02; D01F9/12; D01F9/127; G01Q70/06; G01Q70/12; G11C13/02; H01M4/58; H01M4/583; H01M4/62	METHOD FOR FORMING COMPOSITES OF SUB- ARRAYS OF FULLERENE NANOTUBES
US2011086976 A1 20110414	US20100961446 20101206; JP20010337966 20011102; JP20010387524 20011220; US20090512079 20090730; US20040494000 20041122; WO2002JP11393 20021031	KITAGAWA IND CO LTD [JP]; SEIKO INSTR INC [JP]	C08L77/00; C08J5/16; C08L81/04; G04B13/02; G04B19/02; G04B31/06; G04B37/00; G04D3/00	SLIDING PARTS, PRECISION PARTS AND TIMEPIECES AND ELECTRONIC EQUIPMENT USING THE SAME

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US2011086987 A1 20110414	US20100946547 20101115; US20070846672 20070829; US20060823769P 20060829		C08L77/06; C07C2/86	Method for Functionalizing Nanotubes and Improved Polymer-Nanotube Composites Formed Using Same
US2011087009 A1 20110414	US20100970885 20101216; SG20010002700 20010509; US20040477386 20040517; WO2002SG00061 20020415		C07K1/14; A61K9/14; B01F15/02; B01J13/04; B01J13/10; C07C67/48	PROCESS FOR THE CONTROLLED PRODUCTION OF ORGANIC PARTICLES
US2011087262 A1 20110414	US20100973705 20101220; US20080968610 20080102; US20060327060 20060106; US20020046452 20020114	MICRUS DESIGN TECHNOLOGY INC [US]	A61M29/02; A61L29/12; C08K7/24	Method For Making A Reinforced Balloon With Composite Materials
US2011088511 A1 20110421	US20100870792 20100828		B22F9/18	METHOD FOR PRODUCING ROD-SHAPED AND BRANCHED METALLIC NANO-STRUCTURES BY POLYOL COMPOUNDS
US2011088593 A1 20110421	US20100977096 20101223		C09D1/00	SILVER DZ NANO-FLUID COMPOSITION FOR NANO-FIN FORMATION AND A METHOD OF PRODUCING THE SAME
US2011088739 A1 20110421	US20100908813 20101020; US20090253479P 20091020	LOCKHEED CORP [US]	H01L35/32; B23K10/00; B32B5/16; H01B1/02	HIGH EFFICIENCY THERMOELECTRIC CONVERTER
US2011088759 A1 20110421	US20100976215 20101222; US20070844827 20070824; US20060841983P 20060831	INNOVALIGHT INC [US]	H01L31/028; C01B31/30; C01B31/36; H01B1/02; H01B1/04; H01B1/12	FULLERENE-CAPPED GROUP IV SEMICONDUCTOR NANOPARTICLES AND DEVICES MADE THEREFROM

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US2011088931 A1 20110421	US20100755319 20100406; US20090167131P 20090406	VORBECK MATERIALS CORP [US]	H05K1/09; B05D1/36; B32B27/06; B32B27/08; B32B27/10; B32B27/34; B32B27/36; H01B1/24	Multilayer Coatings and Coated Articles
US2011089051 A1 20110421	US20090920612 20090304; US20080033593P 20080304; WO2009US01396 20090304	MASSACHUSETTS INST TECHNOLOGY [US]	G01N27/12; B05D5/12; G01N27/30	DEVICES AND METHODS FOR DETERMINATION OF SPECIES INCLUDING CHEMICAL WARFARE AGENTS
US2011089096 A1 20110421	US20100958595 20101202; US20100826940 20100630; US20090283281P 20091202; US20090270023P 20090701	UNIV BRIGHAM YOUNG [US]	B01D15/08; B05D7/00	THIN LAYER CHROMATOGRAPHY PLATES AND RELATED METHODS
US2011089110 A1 20110421	EP20070114971 20070824; WO2008EP61095 20080825	VITO [BE]	B01D69/12; B01D61/14; B01D61/36; B01D71/04; B05D5/00; B32B27/00; C08L49/00	FILLED POLYMERIC MEMBRANES, USE AND METHOD OF MANUFACTURING
US2011089241 A1 20110421	US20100907200 20101019; US20090253168P 20091020	US GOVERNMENT [US]	G06K7/12; G06K19/02; G06K19/06; H01L51/56	Orthogonal Charge-Based Spectral Coding with Quantum Dot Conjugates
US2011089365 A1 20110421	US20100973644 20101220; JP20070145225 20070531; US20080130603 20080530; US20070924907P 20070605	SHOWA DENKO KK [JP]	H01B1/04; C09K5/00	CARBON NANOFIBER, PRODUCTION PROCESS AND USE
US2011089375 A1 20110421	US20100971751 20101217; US20080262435 20081031; US20070808476 20070611; US20040898554 20040726	MASSACHUSETTS INST TECHNOLOGY [US]	C09K11/08	MICROSPHERES INCLUDING NANOPARTICLES
US2011089379 A1 20110421	TW20090135255 20091019	NAT UNIV TSINGHUA [TW]	B32B15/02; C23F1/00	Development Of Phospholipid- Capped Gold Nanoparticles (PLGNPs) As Surface Enhanced Raman Scattering Probes

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US2011089380 A1 20110421	US20080679387 20080922; US20070974360P 20070921; WO2008US77208 20080922	SOLENE BV	H01B1/12; C07C69/616; C07C69/712	Fullerene Multi-Adduct Compositions
US2011089402 A1 20110421	US20100757825 20100409; US20090212418P 20090410		H01L31/0352; H01L31/18	Composite Nanorod-Based Structures for Generating Electricity
US2011089944 A1 20110421	US20070732352 20070403; US20060793788P 20060421; US20070904266P 20070228	DANA FARBER CANCER INSTITUTE [US]	C07H21/04; C07H1/00; C09K19/04; G01R33/44	NUCLEIC ACID NANOTUBE LIQUID CRYSTALS AND USE FOR NMR STRUCTURE DETERMINATION OF MEMBRANE PROTEINS
US2011090497 A1 20110421	US20080741586 20081106; US20070985904P 20071106; WO2008US82703 20081106	RICE UNIVERSITY [US]	G01J3/44; B01J23/42; B01J23/66	Multimetallic Nanoshells for Monitoring Chemical Reactions
US2011090780 A1 20110421	US20100979893 20101228; JP20030150633 20030528; US20050558122 20051123; WO2004JP07660 20040527	PANASONIC CORP [JP]	G11B7/00; G11B7/0045	INFORMATION RECORDING MEDIUM AND METHOD FOR PRODUCING THE SAME, RECORDING OR REPRODUCING METHOD, AND OPTICAL INFORMATION RECORDING AND REPRODUCING DEVICE
US2011091510 A1 20110421	US20090936491 20090430; US20080049262P 20080430; WO2009US02686 20090430	UNIV FLORIDA [US]	A61K9/00; A61K31/407; A61K31/727; A61K33/24; A61K38/02; A61L33/00; A61P43/00; B32B9/00; C01B21/06; C01B33/02; C01G9/02; C01G23/047; C12N5/071	NANOROD MATERIALS AND METHODS OF MAKING AND USING SAME

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US2011091711 A1 20110421	US20100908672 20101020; US20090253229P 20091020	UNIV MAINE SYS BOARD TRUSTEES [US]	B32B5/18; B29C39/02; B29C39/38; B32B5/00; B32B5/02; C08H7/00	CARBON NANOSTRUCTURES FROM ORGANIC POLYMERS
US2011091722 A1 20110421	DE200810001063 20080408; WO2009EP53807 20090331		C04B35/622; C04B35/00; G03F7/20; H01B1/12	METHOD FOR PRODUCING SILICON-CONTAINING CERAMIC STRUCTURES
US2011091723 A1 20110421	US20100954800 20101126; US20080245978 20081006; US20070977685P 20071005; US20090264967P 20091130	NAVAL RES LAB [US]	B32B5/00; B05D3/02; B32B9/04; C01G55/00; C09D7/00	RuO2 Coatings
US2011091787 A1 20110421	US20100964570 20101209; US20060394456 20060331	QUANTUMSPHERE INC [US]	H01M8/10; H01M4/38	COMPOSITIONS OF NANOMETAL PARTICLES CONTAINING A METAL OR ALLOY AND PLATINUM PARTICLES FOR USE IN FUEL CELLS
US2011091796 A1 20110421	US20100961100 20101206; US20060482290 20060707; US20050254629 20051020	QUANTUMSPHERE INC [US]	H01M8/04; B01J31/06; B01J35/10; H01M2/14; H01M4/02; H01M4/583; H01M4/64	ELECTROCHEMICAL CATALYSTS
US2011091831 A1 20110421	US20100970517 20101216; US20070687496 20070316; US20040840409 20040506; US20030529724P 20031215; US20040568457P 20040504	QUANTUMSPHERE INC [US]	F27D15/02	METHOD AND APPARATUS FOR FORMING NANO- PARTICLES
US2011091864 A1 20110421	SE20040003139 20041223; WO2005SE02022 20051223	NANOXIS AB	C12Q1/25; B03C5/00; G01N1/10; G01N27/447; G01N30/92; G01N33/543; G01N33/554	Device And Use Thereof

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US2011092078 A1 20110421	US20100974225 20101221; US20080104028 20080416	INNOVALIGHT INC [US]	H01L21/312	SELECTIVE FUNCTIONALIZATION OF DOPED GROUP IV NANOPARTICLE SURFACES USING LEWIS ACID/LEWIS BASE INTERACTION
US2011092122 A1 20110421	US20060592350 20061103		B32B5/26; D03D1/00; D03D15/00	Wind resistant and water vapor permeable garments
US2011092356 A1 20110421	US20100970643 20101216; US20060464566 20060815	BATTELLE ENERGY ALLIANCE LLC [US]	B01J29/04; B01J29/08; B01J29/18; B01J29/40; B01J29/70; B01J29/83; B01J29/85; B01J37/02	CATALYTIC STRUCTURES INCLUDING CATALYST MATERIALS IN POROUS ZEOLITE MATERIALS, AND METHODS OF FORMING SAME
US2011092380 A1 20110421	DE200610062089 20061229; DE200710018833 20070420; WO2007EP11478 20071231	FEBIT HOLDING GMBH [DE]	C40B30/04; C12P19/34; C12Q1/68; C40B30/00; C40B40/00; C40B40/06; C40B50/00; C40B50/06; C40B60/14	IMPROVED MOLECULAR-BIOLOGICAL PROCESSING EQUIPMENT
US2011092382 A1 20110421	US20100878743 20100909; US20080124061 20080520; US20030418414 20030418; US20000608691 20000629; US19960630427 19960403; US19950440742 19950510; WO1994US12305 19941026; US19940284064 19940802; US19930143312 19931026	AFFYMETRIX INC [US]	C40B30/04; B01J19/00; C07H21/00; C12Q1/68; C40B40/06; C40B50/00	Modified Nucleic Acid Probes

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US2011092389 A1 20110421	US20100971996 20101217; US20040856039 20040527; US20010931271 20010816; US20010782588 20010212; US20000181631P 20000210		C40B30/04; B01J19/00; B01L3/00; C40B40/00; C40B40/06; G01N21/64	METHODS OF DETECTING TARGETS ON AN ARRAY
US2011092607 A1 20110421	EP20080104118 20080527; WO2009IB52236 20090527	KONINKL PHILIPS ELECTRONICS NV [NL]	C08J9/00	METHOD OF PREPARING A RIGID FOAM MATERIAL AND METHOD OF PREPARING A RESIN MATERIAL WITH REDUCED VISCOSITY
US2011092644 A1 20110421	US20090999416 20090625; US20080079506P 20080710; WO2009US48593 20090625	DU PONT [US]	C08J3/03	AQUEOUS DISPERSION POLYMERIZATION PROCESS FOR ETHYLENE/TETRAFLUORO ETHYLENE COPOLYMER
US2011092734 A1 20110421	DE200810017308 20080404; WO2009EP02475 20090403	SUED CHEMIE AG [DE]	B01J23/31; B01J37/08; C07C45/00; C07C51/00	METHOD FOR THE PRODUCTION OF NANOCRYSTALLINE BISMUTH-MOLYBDENUM MIXED OXIDE
US2011093082 A1 20110421	US20100907823 20101019; US20080115067 20080505; US20020179743 20020624; US20000668080 20000922; US19970794833 19970204; US20010300144P 20010622; US19990155398P 19990922; US19960028949P 19961017; US19970035040P 19970113	UNIV PRINCETON [US]	A61F2/38; A61F2/32; B05D1/18; C23C14/06	ENHANCED BONDING LAYERS ON TITANIUM MATERIALS
US2011094651 A1 20110428	JP20090243441 20091022	FUJIFILM CORP [JP]	H01B13/32	METHOD FOR PRODUCING TRANSPARENT CONDUCTOR

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US2011095238 A1 20110428	US20110985561 20110106; US20060614006 20061220; US20060921484P 20060209	HEADWATERS TECH INNOVATION LLC [US]	H01B1/04; C08K3/04; C08K3/10; C08K3/22; C08K3/26; C08K3/30; C08K3/34; C09K19/52	POLYMERIC MATERIALS INCORPORATING CARBON NANOMATERIALS
US2011095324 A1 20110428	US20100938973 20101103; SG20060005650 20060822; US20070843401 20070822	AGENCY SCIENCE TECH & RES [SG]	H01L33/00; B29D11/00; B32B3/10; B32B3/12; G02B1/00; H01L21/302; H01L31/0216; H01L33/06	METHOD FOR FABRICATING MICRO AND NANO STRUCTURES
US2011096953 A1 20110428	CN20091110319 20091023	UNIV TSINGHUA [CN]; HON HAI PREC IND CO LTD [TW]	H04R9/06; F16F15/00	DAMPER AND LOUDSPEAKER USING THE SAME CROSS-REFERENCE TO RELATED APPLICATIONS
US2011097212 A1 20110428	US20090997939 20090616; US20080061795P 20080616; WO2009US47465 20090616		F03D11/00; C08L63/00; C09D163/00; C09J163/00	TOUGHENED CURABLE COMPOSITIONS
US2011097247 A1 20110428	US20100956439 20101130; KR20070083758 20070821; US20080195558 20080821	SEMES CO LTD [KR]	B01J8/08	METHOD AND APPARATUS FOR GENERATING A CARBON NANOTUBE
US2011097258 A1 20110428	KR20090101389 20091023		C01B31/04	METHOD FOR PREPARING GRAPHENE RIBBONS WHERE STRUCTURE IS CONTROLLED
US2011097277 A1 20110428	US20100941938 20101108; US20080020998 20080128; WO2006US298988 20060725; US20090259081P 20091106; US20050711613P 20050825	UNIV WASHINGTON [US]	A61K49/18; A61K9/50; C08F8/00	PARTICLES COATED WITH ZWITTERIONIC POLYMERS
US2011097371 A1 20110428	US20090933546 20090330; US20080040317P 20080328; WO2009US38793 20090330		A01N25/04; A01N47/10; B02C19/00	Process Of Making A Stable Aqueous Dispersion Of Concentrated, Finely Divided Particles Of A Biocide



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US2011097543 A1 20110428	US20100762990 20100419; US20090170105P 20090417		B32B3/30; B05D3/14; B32B5/16	PATTERN PROCESSES AND DEVICES THEREOF
US2011097556 A1 20110428	US20070839923 20070816; US20020158596 20020530; US20020155883 20020524; US20010325664P 20010928; US20010296013P 20010605	UNIV TEXAS [US]	B32B3/10; C07K1/04; C07K7/06; C07K7/08; C12N7/00; C40B40/02; C40B40/10	BIOLOGICAL CONTROL OF NANOPARTICLE NUCLEATION, SHAPE AND CRYSTAL PHASE
US2011097559 A1 20110428	US20090990941 20090507; US19990126959P 19990330; WO2009US43113 20090507		B32B3/30; B29C41/12; C08L53/00; G03G13/14	SUPRAMOLECULAR BLOCK COPOLYMER COMPOSITIONS FOR SUB- MICRON LITHOGRAPHY
US2011097631 A1 20110428	KR20080057996 20080619; KR20090015436 20090224; WO2009KR03185 20090615		H01M8/02; B32B3/10; B32B3/30; H01L21/04; H01L29/66; H01L31/02; H01L31/04	ORGANIC/INORGANIC COMPOSITE COMPRISING THREE-DIMENSIONAL CARBON NANOTUBE NETWORKS, METHOD FOR PREPARING THE ORGANIC/INORGANIC COMPOSITE AND ELECTRONIC DEVICE USING THE ORGANIC/INORGANIC COMPOSITE
US2011097788 A1 20110428	US20100915911 20101029; US20030601378 20030623	ACCELLA SCIENT INC	C12M1/34; B01D61/18; B01F3/20; B01F5/06; B01F13/00; B01F15/02; B01L3/00; C12Q1/70; G01N15/10; G01N33/569	NANO AND MICRO- TECHNOLOGY VIRUS DETECTION METHOD AND DEVICE
US2011097812 A1 20110428	DE200910051069 20091028	DRAGERWERK AG & CO KGAA [DE]	G01N27/62; G01N27/00	GAS DETECTOR AND PROCESS FOR MONITORING THE CONCENTRATION OF A GAS

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US2011097957 A1 20110428	US20090997276 20090629; US20080129472P 20080630; WO2009IL00645 20090629	UNIV BAR ILAN [IL]	B32B5/02; B06B1/20	Sonochemical Coating of Textiles with Metal Oxide Nanoparticles for Antimicrobial Fabrics
US2011098406 A1 20110428	US20090675311 20090708; US20080169300 20080708; WO2009US49879 20090708	TOYO BOSEKI [JP]	C08L23/06; D01D5/06; D01F6/04	Method for Producing High Strength Polyethylene Fiber and High Strength Polyethylene Fiber
US2011098517 A1 20110428	FR20080003047 20080603; WO2009FR00613 20090527		C07C23/46	Use of Subfluorinated Carbons as a Solid Lubricant
US2011099959 A1 20110505	US20100873440 20100901; DE200410016546 20040331; DE200610048076 20061009; WO2005EP51468 20050331; US20050529714 20050331; US20070868969 20071009	MANN & HUMMEL GMBH [DE]	F02M35/024; B01D39/02; B01D46/00; B01D46/02; B01D46/52; B05D5/00	Intake filter for an internal combustion engine of a motor vehicle
US2011100411 A1 20110505	US20110986277 20110107; US20070745156 20070507	WISCONSIN ALUMNI RES FOUND [US]	H01L29/06; H01L21/04; H01L35/14	SEMICONDUCTOR NANOWIRE THERMOELECTRIC MATERIALS AND DEVICES, AND PROCESSES FOR PRODUCING SAME
US2011100529 A1 20110505	US20070798860 20070517; US20060800841P 20060517		B29C73/06; B29C73/08; B32B1/08	Means and a method for connecting pieces of a tube
US2011100793 A1 20110505	FR20090005260 20091103	THALES SA [FR]	H03K17/975; B05D5/12	Capacitive Micro-Switch Comprising a Charge Drain Based on Oriented Nanotubes on the Bottom Electrode and Method of Fabrication

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US2011100817 A1 20110505	US20090988713 20090421; US20080046664P 20080421; US20080050411P 20080505; WO2009US41279 20090421	UNIV LOUISVILLE RES FOUND [US]	G01N27/447; B01D57/02; B81B1/00	MICROFLUIDIC DEVICES AND METHODS OF USING SAME
US2011100835 A1 20110505	KR20070025423 20070315; WO2008KR00892 20080215		C25C5/02	METHOD FOR PRODUCING COLLOIDAL SOLUTION OF METAL NANO-PARTICLE AND METAL NANO- PARTICLE THEREBY
US2011100955 A1 20110505	US20100885139 20100917; US20090243813P 20090918	APPLIED MATERIALS INC [US]	C23F1/00; C23C16/00; C23C16/22; C23C16/44; C23C16/46	APPARATUS AND METHODS FOR FORMING ENERGY STORAGE AND PHOTOVOLTAIC DEVICES IN A LINEAR SYSTEM
US2011101276 A1 20110505	US20090933685 20090326; US20080064778P 20080326; WO2009IL00348 20090326		C09K11/06; C07D471/06; C07F1/10; C07F15/00; C08F26/06; C08F138/02; C08G73/06	DOUBLY REDUCED PERYLENE-DIIMIDES AND SUPRAMOLECULAR POLYMERS DERIVED FROM PERYLENE-DIIMIDES
US2011101284 A1 20110505	IN2008DE00352 20080211; WO2009IB00219 20090209	DIRECTOR GENERAL DEFENCE RES & DEV ORGANIZATION [IN]	H01B1/24	ELECTRICALLY CONDUCTING SYNTACTIC FOAM AND A PROCESS FOR PREPARING THE SAME
US2011101299 A1 20110505	US20100962447 20101207; US20060381982 20060505	BROTHER INTERNAT CORP [US]	H01L29/66; H01L21/04	CARBON NANOTUBE ARRAYS FOR FIELD ELECTRON EMISSION AND METHODS OF MANUFACTURE AND USE

Número do Pedido	País e Nº da Prioridade	Nome(s) do(s) Depositantes	CIP	Título
US2011101302 A1 20110505	US20100940674 20101105; US20090258562P 20091105	UNIV SOUTHERN CALIFORNIA [US]	H01L29/775; H01L21/20; H01L21/84; H01L51/52	WAFER-SCALE FABRICATION OF SEPARATED CARBON NANOTUBE THIN-FILM TRANSISTORS
US2011101303 A1 20110505	US20110985873 20110106; KR20050090082 20050927; US20060390851 20060328	SAMSUNG ELECTRONICS CO LTD [KR]	H01L33/06; H01L33/00	LIGHT-EMITTING DEVICE COMPRISING SEMICONDUCTOR NANOCRYSTAL LAYER FREE OF VOIDS AND METHOD FOR PRODUCING THE SAME
US2011101536 A1 20110505	US201113005097 20110112; US20060352083 20060210		H01L23/48	Methods For Discretized Formation of Masking and Capping Layers on a Substrate
US2011101571 A1 20110505	US20070161451 20070122; US20060760867P 20060120; WO2007US01590 20070122	UNIV AKRON [US]	D01D5/00; D06M10/00	METHOD OF MAKING COILED AND BUCKLED ELECTROSPUN FIBER STRUCTURES
US2011102002 A1 20110505	US20100889019 20100923; US20100763799 20100420; WO2009US39737 20090407; US20080043514P 20080409		G01R27/08; C40B60/12; H01B5/00	ELECTRODE AND SENSOR HAVING CARBON NANOSTRUCTURES
US2011102014 A1 20110505	US20100834077 20100712; US20040937828 20040910; US20020267483 20021008; US20020393763P 20020708; US20020397070P 20020722		H03K19/173; G06F7/38; H01L25/00; H03K17/693; H03K19/177	THREE DIMENSIONAL INTEGRATED CIRCUITS

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US2011102231 A1 20110505	JP20040230159 20040806; JP20040230160 20040806; JP20040312191 20041027; JP20040312190 20041027; JP20050139484 20050512; WO2005JP14343 20050804		H01Q17/00; B05D5/12; B32B1/06; B32B5/00; H01B1/02; H01B1/04	INSULATED ULTRAFINE POWDER AND HIGH DIELECTRIC CONSTANT RESIN COMPOSITE MATERIAL
US2011103854 A1 20110505	US20090610513 20091102	XEROX CORP [US]	G03G15/20; B32B5/16; B32B9/00; C08K3/04; C08K3/08; C08K3/22; C08K3/28; C08K3/34; C08K3/36; C08L27/12; C08L27/18; C08L83/04; H01B1/12	HYPER NANOCOMPOSITES (HNC) FOR FUSER MATERIALS
US2011104002 A1 20110505	US20080922668 20081203; US20080036647P 20080314; WO2008SG00463 20081203	UNIV NANYANG TECH [SG]	A61L2/00; A01N59/16; A01P1/00; A01P3/00; B01J37/34	METHOD AND USE OF PROVIDING PHOTOCATALYTIC ACTIVITY
US2011104043 A1 20110505	HU20080000281 20080428; WO2009HU00040 20090428	NANGENEX NANOTECHNOLOGY INC [HU]	C01B19/04; B01J19/00; B22F9/24; C07C63/04; C07D205/08; C07D403/02; C07D487/04; G01N21/00	INSTRUMENT AND PROCESS FOR NANOPARTICLES PRODUCTION IN CONTINUOUS FLOW MODE
US2011104376 A1 20110505	US20100894526 20100930; US20050132520 20050519; US20040572333P 20040519	FLEXCON IND PARK [US]	B05D3/02; B05D3/04; B05D3/06; B05D3/12; C09D7/00; C09D7/12; C09D11/00; C09D11/02	LIQUID FORMULATIONS FOR COATING AND PRINTING SUBSTRATES
US2011104412 A1 20110505	US20090934125 20090331; US20080041287P 20080401; WO2009CA00393 20090331		B32B1/08; B05D7/22	METHOD FOR DEPOSITING SILICON NANOCRYSTALS IN HOLLOW FIBERS

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US2011104442 A1 20110505	KR20090103555 20091029	SAMSUNG ELECTRONICS CO LTD [KR]	B32B3/00; B05D3/02; B05D3/10; B32B5/00; B32B37/16; C01B31/04	GRAPHENE SHEET, GRAPHENE BASE INCLUDING THE SAME, AND METHOD OF PREPARING THE GRAPHENE SHEET
US2011104495 A1 20110505	US20090995258 20090512; US20080130488P 20080530; WO2009US43593 20090512		C08L33/12; B01J31/06; B01J35/08; B32B1/00; C08G8/08; C09B69/10	Filled Nanoparticles
US2011104496 A1 20110505	US20070301934 20070531; US20060809568P 20060531; US20060809520P 20060531; US20060809526P 20060531; WO2007US12822 20070531	DOW GLOBAL TECHNOLOGIES INC [US]	B32B27/20; B32B27/06; C08K3/32; C08K3/34; C08K5/541	ADDITIVES FOR THE USE OF MICROWAVE ENERGY TO SELECTIVELY HEAT THERMOPLASTIC POLYMER SYSTEMS
US2011104551 A1 20110505	US20100938638 20101103; US20090280627P 20091105	UCHICAGO ARGONNE LLC [US]	H01M4/485; H01M4/525; H01M4/54; H01M4/56; H01M4/58; H01M4/583; H01M4/60; H01M6/42; H01M10/26	NANOTUBE COMPOSITE ANODE MATERIALS SUITABLE FOR LITHIUM ION BATTERY APPLICATIONS
US2011104576 A1 20110505	US20100915580 20101029; US20100360027P 20100630; US20090280025P 20091029	UCHICAGO ARGONNE LLC [US]	H01M12/06	LITHIUM-OXYGEN ELECTROCHEMICAL CELLS AND BATTERIES
US2011104815 A1 20110505	GB20080011170 20080618; WO2009GB50699 20090618		G01N21/84	CONJUGATED NANOPARTICLES AND THEIR USE IN DETECTION OF LATENT FINGERPRINTS
US2011104840 A1 20110505	EP20040106303 20041206; EP20050102155 20050318; WO2005IB53989 20051130	KONINKL PHILIPS ELECTRONICS NV [NL]	H01L33/00; C09K13/06; C09K13/08; C23F1/00	Etchant Solutions And Additives Therefor

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US2011105304 A1 20110505	EP20080159659 20080703; WO2009EP57386 20090615	AIR LIQUIDE [FR]	B01J35/10; B01J21/04; B01J21/06; B01J21/10; B01J21/16; B01J23/00; B01J23/02; B01J23/06; B01J23/10; B01J23/26; B01J23/58; B01J23/60; B01J23/63; B01J23/78; B01J23/80; B01J27/224; B01J27/236; B01J27/24; B01J29/06; B01J29/068; B01J29/072; B01J29/076; B01J37/0	Ceramic Foams with Gradients of Composition in Heterogeneous Catalytic
US2011105305 A1 20110505	EP20080159660 20080703; WO2009EP57451 20090616	AIR LIQUIDE [FR]	B01J35/10; B01J21/04; B01J21/06; B01J21/10; B01J21/16; B01J23/02; B01J23/06; B01J23/10; B01J23/26; B01J23/58; B01J23/60; B01J23/63; B01J23/78; B01J23/80; B01J27/224; B01J27/236; B01J27/24; B01J29/06; B01J29/068; B01J29/072; B01J29/076; B01J37/02; B01J37/0	Ceramic Foams with Gradient of Porosity and Gradient of Catalytic Active(s) Phase(s)
US2011105312 A1 20110505	US20110986232 20110107; US20060483102 20060710	HONDA MOTOR CO LTD	B01J21/18	SYNTHESIS OF CARBON SUPPORTED PLATINUM- TUNGSTEN ELECTROCATALYSTS
US2011107473 A1 20110505	US20070686046 20070314; US20060782575P 20060315	WISCONSIN ALUMNI RES FOUND [US]	G01Q70/14; C23C14/06; C23C14/48	DIAMOND-LIKE CARBON COATED NANOPROBES

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US2011107914 A1 20110512	AU20070904651 20070828; WO2008AU01269 20080828	COMMW SCIENT AND IND RES [AU]	B01D53/04; B01J20/20; B01J20/26; B01J20/28	ARTICLE FOR EXTRACTING A COMPONENT FROM A FLUID STREAM, METHODS AND SYSTEMS INCLUDING SAME
US2011107942 A1 20110512	BR2008PI02018 20080430; WO2009BR00119 20090430		C04B7/48; C23C16/26	LARGE SCALE PRODUCTION OF CARBON NANOTUBES IN PORTLAND CEMENT
US2011108270 A1 20110512	US20100971557 20101217; US20080111361 20080429; US20100766364 20100423; US20080180111 20080725; US20070931501 20071031; US20070931706 20071031; US20070679018 20070226; US20070849820 20070904; US20050125465 20050510; US20090288761P 20091221; US20060845916P	BAKER HUGHES INC [US]	E21B43/02	Re-Use of Surfactant- Containing Fluids
US2011108774 A1 20110512	WO2008RU00120 20080229	SIEMENS AG [DE]	H01B1/00	THERMOELECTRIC NANOCOMPOSITE, METHOD FOR MAKING THE NANOCOMPOSITE AND APPLICATION OF THE NANOCOMPOSITE
US2011108776 A1 20110512	US201113009688 20110119; JP20030038680 20030217; JP20030305966 20030829; US20090558049 20090911; US20040777082 20040213		C01G19/02; H01B1/08; C04B35/628; C08K9/02; C08L101/00; C09C1/00; H01B1/20; H01B3/00; H01B3/02; H01B3/10; H01B3/30; H01B5/00; H01G4/20; H05K1/16	INSULATED ULTRAFINE POWDER, PROCESS FOR PRODUCING SAME AND RESIN COMPOSITE MATERIAL WITH HIGH DIELECTRIC CONSTANT USING SAME



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US2011108778 A1 20110512	US20090990268 20090430; US20080049273P 20080430; US20080049609P 20080501; WO2009US42327 20090430	MASSACHUSETTS INST TECHNOLOGY [US]; TRUSTEES BOSTON COLLEGE [US]	H01B1/02	THERMOELECTRIC SKUTTERUDITE COMPOSITIONS AND METHODS FOR PRODUCING THE SAME
US2011108799 A1 20110512	US20100959749 20101203; GB20050016598 20050812; US20080997973 20080205; WO2006GB03028 20060814		H01L29/66; C01G9/08; C09K11/02; C30B7/00; C30B29/60; H01L21/20; H01L31/0296	NANOPARTICLES
US2011108804 A1 20110512	US201113006833 20110114; US20090365623 20090204	IBM [US]	H01L29/775	Maskless Process for Suspending and Thinning Nanowires
US2011108873 A1 20110512	US20100938872 20101103; US20090257811P 20091103; US20090257812P 20091103; US20090257814P 20091103	UNIV CALIFORNIA [US]	H01L33/32; H01L33/26	LIGHT EMITTING DIODE STRUCTURE UTILIZING ZINC OXIDE NANOROD ARRAYS ON ONE OR MORE SURFACES, AND A LOW COST METHOD OF PRODUCING SUCH ZINC OXIDE NANOROD ARRAYS
US2011108978 A1 20110512	US20090614215 20091106	BOEING CO [US]	H01L23/34; H01B1/04; H01L21/50	GRAPHENE NANOPLATELET METAL MATRIX
US2011109688 A1 20110512	US201113011596 20110121; US20080006459 20080102; US20070878239P 20070103	NANOGRAM CORP [US]	B41J2/015; C09D11/02	SILICON/GERMANIUM OXIDE PARTICLE INKS, INKJET PRINTING AND PROCESSES FOR DOPING SEMICONDUCTOR SUBSTRATES

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US2011109700 A1 20110512	US201113005521 20110112; AU1997PO07991 19970715; AU1997PP00891 19971212; US20090475564 20090531; US20080139493 20080615; US20050056146 20050214; US19980113076 19980710	SILVERBROOK RES PTY LTD	B41J2/05; B41J2/14; B41J2/16; B41J2/175; B41J3/42; B41J3/44; B41J11/00; B41J11/70; B41J15/04; B42D15/10; G06F1/16; G06K1/12; G06K7/14; G06K19/06; G06K19/073; G07F7/08; G07F7/12; G11C11/56; H04N1/21; H04N1/32; H04N5/225; H04N5/262	INK EJECTION MECHANISM WITH THERMAL ACTUATOR COIL
US2011110842 A1 20110512	US20100969534 20101215; US20100813239 20100610; US20090185952P 20090610		D01F9/12; B01D11/02; C07C63/42; C07C211/01; C07C309/29; C07D307/12	CONTINUOUS EXTRACTION TECHNIQUE FOR THE PURIFICATION OF CARBON NANOMATERIALS
US2011110843 A1 20110512	US20080740529 20081029; US20070983495P 20071029; WO2008US81574 20081029	WILLIAM MARCH RICE UNIVERSITY [US]	D01F9/12; B29C47/00; C01B31/02	NEAT CARBON NANOTUBE ARTICLES PROCESSED FROM SUPER ACID SOLUTIONS AND METHODS FOR PRODUCTION THEREOF
US2011110864 A1 20110512	FR20080051830 20080321; WO2009FR00294 20090319	CENTRE NAT RECH SCIENT [FR]; INST NAT POLYTECH GRENOBLE [FR]	A61K49/00	FLUORESCENT NANOCRYSTALS ENCAPSULATED IN AN INORGANIC SHELL
US2011110999 A1 20110512	IT2008MI00792 20080430; WO2009EP02953 20090423	MILANO POLITECNICO [IT]	A01N25/08; A01N59/16; A01P1/00	METHOD OF MANUFACTURING NATURAL OR SYNTHETIC FIBERS CONTAINING SILVER NANO-PARTICLES
US2011111004 A1 20110512	EP20080157009 20080527; WO2009NL50296 20090527		A61K33/42; A61K9/00; A61K35/00; A61P19/08	OSTEOINDUCTIVE NANOCOMPOSITES

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US2011111177 A1 20110512	JP20080051319 20080229; JP20080119820 20080501; WO2009JP53907 20090302		B32B3/00; B05D3/02; B29C39/00; B32B5/02; B32B38/00; B32B38/16; C01B31/02	CARBON NANOTUBE FILM STRUCTURE AND METHOD FOR MANUFACTURING THE SAME
US2011111202 A1 20110512	TW20090138496 20091112	NAT UNIV TSINGHUA [TW]	B32B5/18; B32B9/00; B32B15/04; C23F1/00; C23F1/08	MULTILAYER FILM STRUCTURE, AND METHOD AND APPARATUS FOR TRANSFERRING NANO- CARBON MATERIAL
US2011111227 A1 20110512	US20100942396 20101109; US20090259429P 20091109		B32B5/02; C09K3/00; C23C16/06; C23C16/44	METHOD FOR PRODUCTION OF GERMANIUM NANOWIRES ENCAPSULATED WITHIN MULTI-WALLED CARBON NANOTUBES
US2011111230 A1 20110512	JP20080168633 20080627; JP20080314958 20081210; WO2009JP61744 20090626	SUMITOMO OSAKA CEMENT CO LTD [JP]	C04B35/48	COMPOSITE CERAMIC POWDER, PROCESS OF PRODUCING THE SAME, AND SOLID-OXIDE FUEL CELL
US2011111233 A1 20110512	JP20080176748 20080707; WO2009JP53534 20090226		C09K11/00; B05D5/00	INORGANIC NANOPARTICLE LABELING AGENT
US2011111279 A1 20110512	US20100942863 20101109; US20090259599P 20091109	UNIV FLORIDA STATE RES FOUND [US]	H01M4/13; B29C39/00; B32B5/00; B32B5/02; B32B5/16; D21H17/63; H01M2/16	BINDER-FREE NANOCOMPOSITE MATERIAL AND METHOD OF MANUFACTURE
US2011111287 A1 20110512	US20090990430 20090430; US20080049050P 20080430; WO2009US42354 20090430	BATTELLE MEMORIAL INSTITUTE [US]	H01M10/26; H01M4/02; H01M4/50; H01M4/52; H01M4/54; H01M4/583; H01M4/60; H01M4/62; H01M10/02	METAL-AIR BATTERY

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US2011111294 A1 20110512	US20100938951 20101103; US20090257728P 20091103		H01M4/583; H01M4/48; H01M4/485; H01M4/505; H01M4/525; H01M4/62	High Capacity Anode Materials for Lithium Ion Batteries
US2011111299 A1 20110512	US20100901526 20101009; US20090460993 20090727; US20080084140P 20080728		H01M4/131; H01M4/62	LITHIUM ION BATTERIES WITH TITANIA/GRAPHENE ANODES
US2011111590 A1 20110512	US201113005201 20110112; US20070851123 20070906; US20040707996 20040130	IBM [US]	H01L21/4763; H01L21/033; H01L21/302; H01L21/311; H01L21/768; H01L23/48; H01L23/522; H01L23/532; H01L29/40	DEVICE AND METHODOLOGY FOR REDUCING EFFECTIVE DIELECTRIC CONSTANT IN SEMICONDUCTOR DEVICES
US2011111948 A1 20110512	KR20090107802 20091110		B01J31/02; B01J37/34	CATALYSTS HAVING METAL NANO-PARTICLE CATALYST SUPPORTED ON SURFACE-TREATED NATURAL CELLULOSE FIBERS AND PREPARATION METHOD THEREOF
US2011111952 A1 20110512	JP20080185189 20080716; WO2009JP60221 20090604	NISSAN MOTOR [JP]	B01J21/06; B01J37/00	EXHAUST GAS PURIFYING CATALYST AND METHOD FOR PRODUCING THE SAME
US2011112222 A1 20110512	IT2009MI01980 20091112		C08L63/00; C08K3/04; C08K3/36; C08K3/40	FIBER REINFORCED POLYMERS, EPOXY-BASED POLYMERIC COMPOSITIONS AND USE THEREOF
US2011112232 A1 20110512	US200913000765 20090624; US20080075258P 20080624; WO2009US48467 20090624		C08K3/18; A61L2/08; A61L2/10; B01J31/26; B01J31/38; C07C39/14	ENHANCEMENT OF ELECTRON SCAVENGING BY WATER-SOLUBLE FULLERENES

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US2011112251 A1 20110512	EP20080007581 20080418; WO2009EP02855 20090420	NANORESINS AG [DE]	C08F4/32; C08F265/06	POLYMERISABLE MASS WITH CROSS-LINKING NANOPARTICLES
US2011112258 A1 20110512	US20100973513 20101220; US20040013638 20041217; US20020046486 20020116; US20010262842P 20010119; US20010348032P 20011026; US20010334939P 20011204	CHEVRON USA INC [US]	C08G65/04; C07C4/00; C07C7/04; C07C7/12; C07C7/135; C07C13/64; C07C17/10; C07C17/16; C07C17/383; C07C17/395; C07C23/20; C07C23/46; C07C35/44; C07C39/17; C07C47/347; C07C49/423; C07C61/29; C07C69/00; C07C69/08; C07C69/753; C07C205/05; C07C211/19; C07C211/5	Polymerizable Higher Diamondoid Derivatives
US2011112272 A1 20110512	US20080746781 20081216; US20070015418P 20071220; WO2008US13734 20081216	UNIV CENTRAL FLORIDA RES FOUND [US]	C08G79/10; C07F5/06	STRUCTURAL MATERIALS WITH NEARLY ZERO CARBON EMISSIONS
US2011114145 A1 20110519	US20080673366 20080821; US20070957158P 20070821; US20070016276P 20071221; WO2008US73922 20080821	UNIV CALIFORNIA [US]	H01L35/28; H01L29/06; H01L35/30	NANOSTRUCTURES HAVING HIGH PERFORMANCE THERMOELECTRIC PROPERTIES
US2011114189 A1 20110519	US20090936676 20090406; US20080123354P 20080407; WO2009US39697 20090406	VORBECK MATERIALS CORP [US]	B32B27/20; B32B1/08; F17D1/00; H01B1/24	Fuel System Components
US2011114486 A1 20110519	US201113005840 20110113; US20060543252 20061005; US20050723926P 20051006	MASSACHUSETTS INST TECHNOLOGY [US]	G01N27/447; B07C5/04; G01N27/453	CONTINUOUS BIOMOLECULE SEPARATION IN A NANOFILTER
US2011114499 A1 20110519	JP20080080704 20080326; WO2009JP01266 20090323		C01B31/00; C25B1/00	METHOD FOR PRODUCING GRAPHENE

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US2011114573 A1 20110519	US20100871545 20100830; US20090237883P 20090828		B01D39/06; B01D29/00; B01D37/00	Devices and Methods for Removing Contaminants and Other Elements, Compounds, and Species from Fluids
US2011114708 A1 20110519	JP20080200083 20080801; WO2009JP62430 20090708	SHINKAWAL LTD [JP]	B23K1/20; B23K3/04; B23K3/06; C09D11/00	METAL NANOINK AND PROCESS FOR PRODUCING THE METAL NANOINK, AND DIE BONDING METHOD AND DIE BONDING APPARATUS USING THE METAL NANOINK
US2011114875 A1 20110519	US20100946905 20101116; US20090281262P 20091116		H01M4/90	ELECTROCHEMICALLY ACTIVE MATERIALS AND PRECURSORS THERETO
US2011114880 A1 20110519	EP20090014376 20091117		C01B31/00; C09K3/00	METHOD OF SYNTHESIS OF A FULLERIDE OF METAL NANO-CLUSTER AND MATERIAL COMPRISING A FULLERIDE OF METAL NANO-CLUSTER
US2011114894 A1 20110519	KR20090110922 20091117	SAMSUNG ELECTRONICS CO LTD [KR]	H01B1/04; B05D3/00; H01B1/02	COMPOSITE STRUCTURE AND METHOD OF MANUFACTURING THE SAME
US2011114897 A1 20110519	US20090866306 20090203; US20080026264P 20080205; WO2009US32947 20090203	UNIV PRINCETON [US]	H01B1/24; C01B31/00; C01B31/04	FUNCTIONALIZED GRAPHENE SHEETS HAVING HIGH CARBON TO OXYGEN RATIOS
US2011115121 A1 20110519	US20100926864 20101214; KR20070059556 20070618; US20070003490 20071226	SAMSUNG ELECTRO MECH [KR]	B29C45/00	Method of manufacturing heat radiation substrate having metal core

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US2011115130 A1 20110519	DE200910053194 20091106	UNIV DRESDEN TECH [DE]	B29C59/16	IMPRINT TEMPLATE, NANOIMPRINT DEVICE AND NANOSTRUCTURING METHOD
US2011115488 A1 20110519	DE200910053965 20091119		G01R33/28; B22C1/00	CASTING COMPOUND SUITABLE FOR CASTING AN ELECTRONIC MODULE, IN PARTICULAR A LARGE-VOLUME COIL SUCH AS A GRADIENT COIL
US2011116993 A1 20110519	US20080678894 20080919; US20070973493P 20070919; WO2008US77137 20080919	MASSACHUSETTS INST TECHNOLOGY [US]	B01J8/02; B01L3/00; C08K3/22; C08L33/10; H01B1/20	Virus/Nanowire Encapsulation within Polymer Microgels for 2D and 3D Devices for Energy and Electronics
US2011116995 A1 20110519	US201113011644 20110121; JP20080107327 20080416; JP20090029129 20090210; US20100679869 20100324; WO2009JP56878 20090402		B01J8/00	APPARATUS AND METHOD FOR PRODUCING ALIGNED CARBON-NANOTUBE AGGREGATES
US2011117149 A1 20110519	US200913002961 20090702; US20080129592P 20080707; WO2009IB06720 20090702	NANUNANU LTD [GB]	C01B25/26; A23J1/00; A23L3/00; A61K8/02; A61K8/24; A61K9/00; A61K33/42; B01J20/04; B01J20/24; B01J32/00; C01B25/32; C01B25/40; C01B25/42; C01B25/44; E04B1/74	INORGANIC NANOTUBES
US2011117286 A1 20110519	US20100950610 20101119; US20070729376 20070328; US20060787369P 20060330	RHODIA [US]	B05D1/04	MODIFIED SURFACES AND METHOD FOR MODIFYING A SURFACE

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US2011117316 A1 20110519	US20100968224 20101214; US20050220454 20050906		B32B5/12; B01J19/00; B29C65/00; D01F9/12	METHOD AND APPARATUS FOR GROWING FULLERENE NANOTUBE FORESTS, AND FORMING NANOTUBE FILMS, THREADS AND COMPOSITE STRUCTURES THEREFROM
US2011117319 A1 20110519	JP20080169959 20080630; WO2009JP61723 20090626	UNIV KYOTO [JP]; PIONEER CORP [JP]; HITACHI LTD [JP]; ROHM CO LTD [JP]	D04H1/00; D21C9/00	NANOFIBER SHEET AND METHOD FOR MANUFACTURING THE SAME
US2011117328 A1 20110519	US201113013187 20110125; US20100719167 20100308; US20050199621 20050809; US20040599975P 20040809	LAM RES [US]	B32B3/00	Barrier Layer Configurations and Methods for Processing Microelectronic Topographies Having Barrier Layers
US2011117361 A1 20110519	US20090811776 20090107; US20080019428P 20080107; US20080051758P 20080509; US20080098419P 20080919; US20080201055P 20081205; WO2009US30306 20090107		B32B9/00; B05D5/12; B32B17/06; C09D1/00; C09D5/24; H01G13/00; H01M4/04	Method And Apparatus For Identifying And Characterizing Material Solvents And Compositated Matrices And Methods Of Using Same
US2011117367 A1 20110519	US201113007704 20110117	POOYA NANO POWDERS RES GROUP [IR]	C01F17/00	STRONTIUM CERATE SYNTHESIS METHOD
US2011117436 A1 20110519	US20100948697 20101117; US20090262011P 20091117; US20100301932P 20100205	PHYSICAL SCIENCES INC [US]	H01M4/583; B05D5/12	Silicon Whisker and Carbon Nanofiber Composite Anode
US2011117735 A1 20110519	US20110929122 20110103; KR20060115425 20061121; US20070980346 20071031		H01L21/28	Methods of fabricating non-volatile memory devices having carbon nanotube layer and passivation layer



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US2011118110 A1 20110519	EP20070114978 20070824; WO2008EP60120 20080801	BASF SE [DE]	B01J23/89; B01J21/18; B01J23/44; B01J23/46; B01J37/03; B01J37/08	CATALYST AND PROCESS FOR PRODUCING IT AND ITS USE
US2011118150 A1 20110519	US20100836702 20100715; FR20020009456 20020725; US20050522161 20050930; WO2003FR02318 20030722	CENTRE NAT RECH SCIENT [FR]; UNIV NANTES [FR]; UNIV FLORIDA [US]	C40B60/12; G01N33/547; B01J19/00; C07B61/00; C07H21/00; C12M1/00; C12N15/09; C12Q1/68; C40B50/18; C40B60/00; G01N33/53; G01N33/553; G01N37/00	METHOD FOR MAKING BIOCHIPS
US2011118156 A1 20110519	EP20090172634 20091009	RHEIN CHEMIE RHEINAU GMBH [DE]	C10M125/26	LUBRICANT ADDITIVES FOR IMPROVING THE TRIBOLOGICAL PROPERTIES, NOVEL LUBRICANTS, PROCESS FOR THE PREPARATION THEREOF AND THE USE THEREOF
US2011118364 A1 20110519	BR2008PI02233 20080630; WO2009BR00192 20090630		A61K47/32; A23D7/00; A23D7/04; A61K8/64; A61K8/73; A61K8/81; A61K8/84; A61K8/85; A61K47/30; A61K47/36; A61K47/42; B29B9/12; C07K2/00; C07K14/00; C08B31/00; C08B37/04; C08B37/08; C08F122/32; C08G63/06; C08G63/08	PHARMACEUTICAL COMPOSITIONS OF NANOPARTICLES CONTAINING ACTIVE INGREDIENTS
US2011118382 A1 20110519	WO2008EP56240 20080521		C09K8/42; C08G77/455; C08L83/10	GRAFT COPOLYMERS, METHOD FOR THE PRODUCTION THEREOF, AND USE THEREOF

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US2011118385 A1 20110519	IT2009TO00870 20091113	ALENIA AERONAUTICA SPA [IT]	C08G65/08; C08G65/12	PROCESS FOR PREPARING SELF-HEALING COMPOSITE MATERIALS OF HIGH EFFICIENCY FOR STRUCTURAL APPLICATIONS
US2011118441 A1 20110519	US201113011881 20110122; US20100423041P 20101214		C07K2/00; C07K1/113	Synthesis of Highly Fluorescent Peptide-Metallic Nanoclusters as Bio-probes
US2011118492 A1 20110519	US20100941730 20101108; US20090567466 20090925; US20040982708 20041104; US20030518406P 20031107	UNIV CALIFORNIA [US]	C01B39/24; C07F7/18	POLYMER-ZEOLITE NANOCOMPOSITE MEMBRANES FOR PROTON-EXCHANGE-MEMBRANE FUEL CELLS
US2011119896 A1 20110526	US200913054522 20090820; US20080091130P 20080822; US20080091114P 20080822; WO2009US54428 20090820	DU PONT [US]	B23P25/00; B05D5/12	METHOD OF MAKING AIR-FIRED CATHODE ASSEMBLIES IN FIELD EMISSION DEVICES
US2011120371 A1 20110526	US20100951392 20101122; US20060490966 20060721; US20050701810P 20050722	OREGON STATE; UNIV OREGON STATE	B05C11/00	METHOD AND APPARATUS FOR CHEMICAL DEPOSITION
US2011120554 A1 20110526	US20090736278 20090327; US20080039806P 20080327; US20080054289P 20080519; US20080197905P 20081031; WO2009US38600 20090327	RENSSELAER POLYTECH INST [US]	H01L31/0232; B32B7/02; B32B18/00; G02B1/11; H01L31/18	ULTRA-LOW REFLECTANCE BROADBAND OMNI-DIRECTIONAL ANTI-REFLECTION COATING
US2011120633 A1 20110526	US20100969597 20101216; CN20071123816 20071010; US20070967114 20071229	UNIV TSINGHUA [CN]; HON HAI PREC IND CO LTD [TW]	B29C55/02; B32B38/10	METHOD FOR MAKING CARBON NANOTUBE FILM

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US2011121227 A1 20110526	US201113020887 20110204; US20100911117 20101025; US20040018678 20041222; US20100301279P 20100204	US GOVERNMENT [US]	C08K5/56; B29C47/00; C09K3/00; D01F9/12	CARBON NANOTUBE FIBERS/FILAMENTS FORMULATED FROM METAL NANOPARTICLE CATALYST AND CARBON SOURCE
US2011121260 A1 20110526	US20100939613 20101104; KR20050005445 20050120; US20050225089 20050914	SAMSUNG ELECTRONICS CO LTD [KR]	H01L29/06; C09K11/06; C09K11/54; C09K11/56; C09K11/81; C09K11/84; H01L33/00	QUANTUM DOT PHOSPHOR FOR LIGHT EMITTING DIODE AND METHOD OF PREPARING THE SAME
US2011121434 A1 20110526	US20090989558 20090424; US20080048207P 20080427; WO2009US41639 20090424		H01L29/04; H01L21/338; H01L21/36	METHOD OF FABRICATING A PLANAR SEMICONDUCTOR NANOWIRE
US2011121495 A1 20110526	US20100946331 20101115; US20070756076 20070531; US20060803740P 20060602		C01B31/02	CARBON NANOTUBE (CNT) EXTRUSION METHODS AND CNT WIRE AND COMPOSITES
US2011121496 A1 20110526	US20100953605 20101124; US20060559539 20061114; WO2005US128232 20050808; US20050737248P 20051115	US ENERGY [US]	H05B6/00	SHAPE MANIPULATION OF NANOSTRUCTURES

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US2011122261 A1 20110526	US20080049961 20080317; AU1997PO07991 19970715; AU1997PO08504 19970811; US20030683006 20031014; US19980112786 19980710	SILVERBROOK RES PTY LTD	H04N5/225; B41J2/14; B41J2/16; B41J2/175; B41J3/42; B41J3/44; B41J11/00; B41J11/70; B41J15/04; B42D15/10; G06F1/16; G06F21/00; G06K1/12; G06K7/14; G06K19/06; G06K19/073; G07F7/08; G07F7/12; G11C11/56; H04N1/00; H04N1/21; H04N1/32; H04N5/262	Camera Unit Incorporating A Printer Configured To Print Distorted Images
US2011123409 A1 20110526	FR20070008411 20071130; WO2008FR01643 20081126		B01J19/00; B01D15/04; C01B31/36; C01G23/047; C07C41/09; C23C16/06	CHEMICAL REACTOR WITH NANOMETRIC SUPERSTRUCTURE
US2011123429 A1 20110526	US201113017601 20110131; FR20070002581 20070406; US20080062687 20080404		D01F9/12; C10J1/213	Process for Producing Carbon Nanotubes from Renewable Raw Materials
US2011123637 A1 20110526	EP20080009581 20080526; WO2009EP56391 20090526	UNIV ZUERICH [CH]	A61K9/14; A61K39/00; A61P37/04	PROTAMINE/RNA NANOPARTICLES FOR IMMUNOSTIMULATION
US2011123726 A1 20110526	US201113019491 20110202; US20050217095 20050831		B05D3/00	NANOSTRUCTURE SORTING
US2011123735 A1 20110526	US20100952144 20101122; US20090263806P 20091123	APPLIED NANOSTRUCTURED SOLUTIONS LLC [US]	B32B1/08; B32B5/02; B32B37/02; B32B37/14; B32B38/00; C08K3/04	CNT-INFUSED FIBERS IN THERMOSET MATRICES
US2011123757 A1 20110526	US20110986252 20110107; WO2010US57477 20101119; US20090262949P 20091120; US20100310389P 20100304; US20100354588P 20100614; US20100370529P 20100804; US20100293791P 20100111	WARWICK MILLS INC [US]	D04H11/00; B32B37/00; D04H13/00	BREATHABLE CHEMBIO PROTECTION FABRIC WITH CARBON NANOTUBE PHYSICAL PATHOGEN BARRIER

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US2011123788 A1 20110526	WO2009IB07020 20090824		B32B5/00; B05D5/06	Thin Films Including Nanoparticles With Solar Reflectance Properties for Building Materials
US2011123790 A1 20110526	US20100974396 20101221; US20070749302 20070516; US20060747343P 20060516	UNIV FLORIDA STATE RES FOUND [US]	B32B5/00; B01J19/08	Method for Functionalization of Nanoscale Fiber Films
US2011123798 A1 20110526	US201113021103 20110204; US20100717226 20100304; US20070821572 20070622	3M INNOVATIVE PROPERTIES CO [US]	C08F222/38; B32B27/00; C08F230/08; C08K3/34; C08L79/04; C08L83/07; H01B1/20	BRANCHED POLYDIORGANOSILOXANE POLYAMIDE COPOLYMERS
US2011123909 A1 20110526	JP20080158264 20080617; WO2009IB05743 20090527		H01M4/88; B01J21/18; B01J23/52; B01J37/16	METHOD FOR PRODUCING GOLD FINE PARTICLE- SUPPORTED CARRIER CATALYST FOR FUEL CELL, AND POLYMER ELECTROLYTE FUEL CELL CATALYST HAVING GOLD FINE PARTICLE
US2011124116 A1 20110526	US20100917661 20101102; US20050264535 20051031; US20030693441 20031024; US19970932110 19970917; US19960715163 19960917; US19960611804 19960306; US19950402076 19950310; US19950402277 19950310	MESO SCALE TECHNOLOGY LLP [US]	G01N21/76	MULTI-ARRAY, MULTI- SPECIFIC ELECTROCHEMILUMINESC ENCE TESTING
US2011124185 A1 20110526	US20100938870 20101103; US20080029607 20080212; US20030659992 20030910; US20020409843P 20020910; US20020409845P 20020910	UNIV CALIFORNIA [US]	H01L21/20; C01B19/00; C01G11/00; C09K11/56; C09K11/88; G01N33/58	GRADED CORE/SHELL SEMICONDUCTOR NANORODS AND NANOROD BARCODES

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US2011124253 A1 20110526	US20100945768 20101112; US20090263805P 20091123	APPLIED NANOSTRUCTURED SOLUTIONS LLC [US]	B32B9/00; B32B5/02; C01B31/10; C01B31/12	CNT-INFUSED FIBERS IN CARBON-CARBON COMPOSITES
US2011124483 A1 20110526	US20100953434 20101123; US20090263804P 20091123; US20090265718P 20091201	APPLIED NANOSTRUCTURED SOLUTIONS LLC [US]	C04B35/82; B05D3/00; C04B28/00; C04B35/10; C04B35/468; C04B35/52; C04B35/56; C04B35/565; C04B35/584; C04B35/80; C04B35/84; C23C16/00; C25D5/00; H01B1/04	CERAMIC COMPOSITE MATERIALS CONTAINING CARBON NANOTUBE- INFUSED FIBER MATERIALS AND METHODS FOR PRODUCTION THEREOF
US2011124499 A1 20110526	US20100953419 20101123; US20090263541P 20091123	UNIV NEW YORK STATE RES FOUND [US]	B01J23/89; B01J23/42; B01J37/08	CATALYTIC PLATINUM AND ITS 3d-TRANSITION-METAL ALLOY NANOPARTICLES
US2011124500 A1 20110526	US20100953422 20101123; US20090263558P 20091123	UNIV NEW YORK STATE RES FOUND [US]	B01J23/42; B01J23/89; B01J37/16	CATALYTIC PLATINUM- COPPER ALLOY NANOPARTICLES
US2011124516 A1 20110526	NZ20050542644 20050927; NZ20050544096 20051212; NZ20050544097 20051212; WO2006NZ00251 20060927		G01N33/53; C12N1/00; C12N5/10; C12N15/63; C12P7/62; C12P21/00; C40B30/04	Polymer Particles and Uses Thereof
US2011124524 A1 20110526	US20100944322 20101111; US20050092180 20050329; US20050642828P 20050111	LIFE TECHNOLOGIES CORP [US]	C40B40/06; C40B50/14; C40B60/14	Fluid Processing Device for Oligonucleotide Synthesis and Analysis
US2011124541 A1 20110526	JP20080170823 20080630; WO2009JP60119 20090603	CENTRAL GLASS CO LTD [JP]	C10M105/50; C07C19/08; C09K3/14; C09K5/00	Fluorinated Nano Diamond and Dispersion Thereof, and Process for Production of the Same
US2011124755 A1 20110526	US20090988246 20090409; US20080071206P 20080417; WO2009SG00134 20090409	AGENCY SCIENCE TECH & RES [SG]	C08G18/02; B01J31/06; C07C2/02; C07C45/00; C07D213/06; C08J9/00	Polyisocyanurates

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US2011124789 A1 20110526	KR20070088482 20070831; WO2008KR05043 20080828	GS CALTEX CORP [KR]	C08L23/26; C08K3/30	COLORED LONG FIBER REINFORCED PELLET AND COLORED RESIN ARTICLE MANUFACTURED BY USING THE SAME
US2011124793 A1 20110526	US201113014570 20110126; JP20070076639 20070323; JP20080025964 20080206; US20080028213 20080208	NAT INST OF ADVANCED IND SCIEN [JP]	C08K3/04; C08L9/06; C08L27/16; C08L67/00	MELT-KNEADED PRODUCTS AND MOLDED RESIN PRODUCTS
US2011124796 A1 20110526	US201113019609 20110202; DE200510044521 20050916; US20080066335 20080310; WO2006EP66231 20060911	BASF SE [DE]	C09D133/04; C09D133/02; C09D133/24	METHOD FOR COATING SURFACES AND SUITABLE PARTICLES THEREFOR
US2011124822 A1 20110526	US200913054719 20090518; US20080082071P 20080718; US20080082418P 20080721; WO2009US44364 20090518		C08G75/06	SEMICONDUCTING POLYMERS
US2011126892 A1 20110602	US20100956422 20101130; US20090265297P 20091130; US20090265306P 20091130; US20100313654P 20100312		H01L31/0352; H01L31/18	THREE-DIMENSIONAL PATTERNING METHODS AND RELATED DEVICES
US2011127167 A1 20110602	US20060097360 20061213; US20050749639P 20051213; US20050750335P 20051215; US20060794853P 20060426; WO2006US47349 20061213	UNIV NEVADA RENO [US]	C25B1/02; C23C28/00; C25B11/04	PREPARATION OF NANO- TUBULAR TITANIA SUBSTRATES HAVING GOLD AND CARBON PARTICLES DEPOSITED THEREON AND THEIR USE IN PHOTO-ELECTROLYSIS OF WATER
US2011127174 A1 20110602	DE200710030140 20070627; DE200710033368 20070716; WO2008EP03350 20080425		B65B3/00; B23P11/00; B65B1/04	STORAGE TANK FOR GASEOUS FUELS, AND USE THEREOF

Número do Pedido	País e Nº da Prioridade	Nome(s) do(s) Depositantes	CIP	Título
US2011127445 A1 20110602	US20070445904 20071017; US20060829768P 20061017; WO2007SG00352 20071017	UNIV SINGAPORE [SG]	G01J1/58; C09K11/06	UPCONVERSION FLUORESCENT NANO- STRUCTURED MATERIAL AND USES THEREOF
US2011127472 A1 20110602	JP20070040103 20070220; JP20070173564 20070629; WO2008JP52697 20080219		H01B1/04; D01F9/12; H01B1/24	CARBON NANOTUBE ASSEMBLY AND ELECTRICALLY CONDUCTIVE FILM
US2011127544 A1 20110602	US20090991180 20090506; US20080126680P 20080506; WO2009US42949 20090506	KYMA TECHNOLOGIES [US]	H01L29/161; H01L21/20; H01L29/12; H01L29/20	GROUP III NITRIDE TEMPLATES AND RELATED HETEROSTRUCTURES, DEVICES, AND METHODS FOR MAKING THEM
US2011127932 A1 20110602	US20070376364 20070809; US20060822197P 20060811; WO2007US75593 20070809	MASSACHUSETTS INST TECHNOLOGY [US]	H01L33/06; C01B17/00; C09K11/56; H01L33/08; H05B37/00	Blue light emitting semiconductor nanocrystals and devices
US2011128784 A1 20110602	US20060064165 20060817; US20050708778P 20050817; US20050713744P 20050906; US20050731234P 20051031; US20050731235P 20051031; US20050731251P 20051031; WO2006IL00963 20060817	NOVA TRANS GROUP SA [CH]	G11C16/04; H01L51/40	NON-VOLATILE MEMORY DEVICE
US2011129413 A1 20110602	US20100941719 20101108; US20090258664P 20091106		A61K51/12; A61K9/14; A61K47/22; A61K47/42; A61K49/00; A61K49/18; C07K2/00; C07K7/06; C07K14/77; C07K16/00	Bioconjugation of Calcium Phosphosilicate Nanoparticles For Selective Targeting of Cells In Vivo



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US2011129662 A1 20110602	DE200710039164 20070820; WO2008EP60625 20080813	FRAUNHOFER GES FORSCHUNG [DE]	B32B5/16; B05D3/02; C09D5/00	Substrates Supplied with a Dust and Aerosol-Repellent Coating, Method for the Production Thereof g and Materials for this Purpose
US2011129668 A1 20110602	KR20090118257 20091202	KOREA ELECTRONICS TELECOMM [KR]	D01F8/00; B29C47/04; D01F1/09; H01B1/02; H01B1/12	ORGANIC-INORGANIC HYBRID NANOFIBER FOR THERMOELECTRIC APPLICATION AND METHOD OF FORMING THE SAME
US2011129671 A1 20110602	US20090996135 20090603; US20080058264P 20080603; US20090149881P 20090204; WO2009US46102 20090603	QUANTUM CONFINED LTD [US]	C01B21/06; B01J19/08; B01J19/12; B32B5/16; C01B21/072; C01B21/076	METHOD OF PRODUCING QUANTUM CONFINED INDIUM NITRIDE STRUCTURES
US2011129675 A1 20110602	KR20090117834 20091201; KR20100120515 20101130	SAMSUNG ELECTRONICS CO LTD [KR]; KUMOH NAT INST TECHNOLOGY [KR]	H01B1/04; B32B9/00	MATERIAL INCLUDING GRAPHENE AND AN INORGANIC MATERIAL AND METHOD OF MANUFACTURING THE MATERIAL
US2011129690 A1 20110602	US201113025842 20110211; JP20060355019 20061228; JP20070099278 20070405; US20070866609 20071003; US20070671783 20070206	ALPS ELECTRIC CO LTD	G11B5/33	TUNNELING MAGNETORESISTIVE ELEMENT INCLUDING MULTILAYER FREE MAGNETIC LAYER HAVING INSERTED NONMAGNETIC METAL SUBLAYER

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US2011129757 A1 20110602	FR20080002681 20080519; WO2009FR00540 20090507	COMMISSARIAT ENERGIE ATOMIQUE [FR]	H01M8/10; H01M8/00; H01M8/24	FUEL CELL WITH MEMBRANE/ELECTRODE STACK PERPENDICULAR TO THE SUPPORT SUBSTRATE AND METHOD FOR PRODUCING
US2011129897 A1 20110602	US20080672384 20080710; US20070954547P 20070807; WO2008SG00247 20080710		C12N9/16; B29B9/08; B32B5/16	PROCESS FOR MAKING MICRO-SIZED PROTEIN PARTICLES
US2011129941 A1 20110602	US20050587251 20050425; US20040564614P 20040423; WO2005CA00627 20050425		B01J19/00; A61K9/16; B29B13/08; C08G18/16; C08G18/32; C08G18/72; C08J3/12; C08J3/28; C08J5/00; C08L75/04	Method of Producing Polymeric Particles With Selected Size, Shape, Morphology and Composition
US2011129973 A1 20110602	US201113025018 20110210; US20060373127 20060313; US20030465797 20030620	IBM [US]	H01L21/336; H01L21/20; H01L21/28; H01L29/423; H01L29/788; H01L29/792	NONVOLATILE MEMORY DEVICE USING SEMICONDUCTOR NANOCRYSTALS AND METHOD OF FORMING SAME
US2011130292 A1 20110602	JP20080192707 20080725; WO2009JP61123 20090618		H01L39/00; H01B1/04; H01B5/00; H01B12/00; H01F1/01; H01F5/00; H01L39/24	ROOM-TEMPERATURE SUPERCONDUCTOR, PERFECT CONDUCTOR, PROTONIC CONDUCTOR, FERROMAGNETIC BODY, ELECTROMAGNETIC COIL, AND METHOD FOR PRODUCING THESE MATERIALS
US2011130467 A1 20110602	WO2009JP03451 20090722; JP20080189614 20080723		A01N31/16; A01P1/00	METHOD FOR PRODUCING ANTIMICROBIAL- CONTAINING SOLUTION

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US2011130478 A1 20110602	US20090812714 20090113; US20080011030P 20080114; WO2009US30860 20090113		C23F1/00; B29C67/20; C08G79/00	ORDERED POROUS MESOSTRUCTURED MATERIALS FROM NANOPARTICLE-BLOCK COPOLYMER SELF- ASSEMBLY
US2011130494 A1 20110602	FR20070005803 20070809; WO2008FR01178 20080808	CENTRE NAT RECH SCIENT [FR]	C08K5/3415; B05D1/02; B05D1/18; C01B31/04; C09D1/00; C09K3/00	GRAPHENE SOLUTIONS
US2011130495 A1 20110602	TW20090140515 20091127; TW20100140710 20101125	IND TECH RES INST [TW]	C08K5/3415; B05D3/10; C08G69/48; C08K5/1535; C08K5/20; C08K5/41; C08L79/08	ORGANIC/INORGANIC HYBRID MATERIAL AND FABRICATION METHOD THEREOF
US2011130507 A1 20110602	TW20090140516 20091127; TW20100140935 20101126	IND TECH RES INST [TW]	C08L33/24; C08K3/34	ORGANIC/INORGANIC HYBRID MATERIAL AND FABRICATION METHOD THEREOF
US2011130588 A1 20110602	JP20080190646 20080724; JP20080242188 20080922; WO2009JP63541 20090723	SUMITOMO CHEMICAL CO [JP]	C07C69/76	COMPOSITION, AND ORGANIC PHOTOELECTRIC CONVERSION ELEMENT COMPRISING SAME
US2011132144 A1 20110609	EP20080161011 20080723; WO2009EP59088 20090715		B22F9/18; B22F9/00	Method For Producing Metal Nanoparticles In Polyols
US2011132245 A1 20110609	US20100953427 20101123; US20090263807P 20091123; US20090286340P 20091214	APPLIED NANOSTRUCTURED SOLUTIONS LLC [US]	B63B15/00; C09K3/00; C09K3/18; C09K5/00	CNT-TAILORED COMPOSITE SEA-BASED STRUCTURES
US2011132449 A1 20110609	US20090937259 20090408; US20080043534P 20080409; WO2009SG00132 20090408	AGENCY SCIENCE TECH & RES [SG]	H01L23/28; B05C15/00; B32B27/06; B32B27/20; H01L21/56; H01L31/0203; H01L33/52	MULTILAYER FILM FOR ENCAPSULATING OXYGEN AND/OR MOISTURE SENSITIVE ELECTRONIC DEVICES

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US2011133053 A1 20110609	JP20080198588 20080731; WO2009JP63559 20090730	TOYOTA MOTOR CO LTD [JP]; MEC INTERNAT CO LTD [JP]	B28B7/36; B22C3/00	CASTING MOLD SURFACE TREATMENT METHOD AND CASTING MOLD USING SAID METHOD
US2011133124 A1 20110609	FR20080002628 20080515; WO2009EP55767 20090513	RHODIA OPERATIONS [FR]	C09K11/81	SUSPENSIONS OF PHOSPHATES OF AT LEAST ONE RARE EARTH ELEMENT SELECTED FROM AMONG CERIUM AND TERBIUM AND OPTIONALLY LANTHANUM AND LUMINOPHORES PRODUCED THEREFROM
US2011133133 A1 20110609	US201113023095 20110208; US20070841596 20070820; US20050218209 20050831; US20040605769P 20040831		H01B1/24	THERMOSETS CONTAINING CARBON NANOTUBES BY EXTRUSION
US2011133153 A1 20110609	KR20090121410 20091208	SAMSUNG ELECTRONICS CO LTD [KR]	H01L29/06; H01L21/02	POROUS NANOSTRUCTURE AND METHOD OF MANUFACTURING THE SAME
US2011133165 A1 20110609	US20090631213 20091204	IBM [US]	H01L29/66; H01L21/336	SELF-ALIGNED CONTACTS FOR NANOWIRE FIELD EFFECT TRANSISTORS
US2011133166 A1 20110609	US20090631218 20091204	IBM [US]	H01L29/66; H01L21/336; H01L21/66	NANOWIRE FET HAVING INDUCED RADIAL STRAIN
US2011133167 A1 20110609	US20090631342 20091204	IBM [US]	H01L29/66; H01L21/336; H01L29/786	PLANAR AND NANOWIRE FIELD EFFECT TRANSISTORS
US2011133169 A1 20110609	US20090630942 20091204	IBM [US]	H01L29/12; H01L21/336; H01L29/08; H01L29/78	Gate-All-Around Nanowire Tunnel Field Effect Transistors

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US2011133284 A1 20110609	US20100718418 20100305; US20090266798P 20091204		H01L27/088; B08B7/00; B32B38/00; H01B13/00; H01L21/302	MULTIPLE CARBON NANOTUBE TRANSFER AND ITS APPLICATIONS FOR MAKING HIGH-PERFORMANCE CARBON NANOTUBE FIELD-EFFECT TRANSISTOR (CNFET), TRANSPARENT ELECTRODES, AND THREE-DIMENSIONAL INTEGRATION OF CNFETS
US2011134193 A1 20110609	US201113022485 20110207; AU1997PO07991 19970715; AU1997PO08062 19970715; US20080272752 20081117; US20060478585 20060703; US20050144801 20050606; US20040810588 20040329; US20010798714 20010302; US19980112809 19980710	SILVERBROOK RES PTY LTD	B41J2/05; B41J2/14; B41J2/16; B41J2/175; B41J3/42; B41J3/44; B41J11/00; B41J11/70; B41J15/04; B42D15/10; G06F1/16; G06K1/12; G06K7/14; G06K19/06; G06K19/073; G07F7/08; G07F7/12; G11C11/56; H04N1/21; H04N1/32; H04N5/225; H04N5/262	NOZZLE ARRANGEMENT WITH AN ACTUATOR HAVING IRIS VANES
US2011134585 A1 20110609	US20100962026 20101207; US20090267315P 20091207		H01G9/00; H01B1/04; H01B1/16	MESOPOROUS CARBON MATERIAL, FABRICATION METHOD THEREOF AND SUPERCAPACITOR
US2011134617 A1 20110609	EP20080162124 20080808; DE200810048459 20080923; DE200810061051 20081208; DE200910011538 20090303; WO2009EP05757 20090807	PP MID GMBH [DE]	H05K7/00; B32B5/16; B32B7/12; B32B27/18; H05K3/00	POLYMER MOLDED BODIES AND PRINTED CIRCUIT BOARD ARRANGEMENT AND METHOD FOR THE PRODUCTION THEREOF

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US2011134655 A1 20110609	JP20080185489 20080717; JP20090098029 20090414; WO2009JP61768 20090626	FUJIFILM CORP [JP]	B60Q1/02; B29C45/14; H05K1/00; H05K1/09	FORMED BODY WITH CURVED SURFACE SHAPE, METHOD OF PRODUCING THE FORMED BODY, FRONT COVER FOR VEHICLE LIGHTING DEVICE, AND METHOD OF PRODUCING THE FRONT COVER
US2011134691 A1 20110609	US201113027573 20110215; US20080338413 20081218; US20050210363 20050824	MICRON TECHNOLOGY INC [US]	G11C11/34; H01L21/336	SCALABLE MULTI-FUNCTION AND MULTI-LEVEL NANO-CRYSTAL NON-VOLATILE MEMORY DEVICE
US2011135563 A1 20110609	US20100881673 20100914; US20090459706 20090707; US20080231695 20080905; US20070967756P 20070907		C01B13/02; B01J8/02; C01B3/06	Filter Material for Generating Oxygen and/or Hydrogen From A Source
US2011135827 A1 20110609	KR20070026775 20070319; WO2008KR01549 20080319	ELECTRONICS AND TELECOMMUNICAITONS RES INST [KR]	B05D5/00; B05D3/02; B05D3/10; B05D3/12	METHOD OF FABRICATING CARBON NANOTUBES UNIFORMLY COATED WITH TITANIUM DIOXIDE
US2011135835 A1 20110609	US20100796281 20100608; US20090185034P 20090608	MASSACHUSETTS INST TECHNOLOGY [US]	B05D1/12; B01J19/08; B05B1/02; B05C11/00; B05D5/12	METHOD FOR DEPOSITING A CARBON NANOTUBE THIN FILM COATING ON AN ARBITRARY SUBSTRATE DIRECTLY FROM CHEMICAL VAPOR DEPOSITION SYNTHESIS
US2011135881 A1 20110609	DE200810039798 20080815; WO2009EP05773 20090808	NMI UNIV TUEBINGEN	B81C1/00; B32B3/30; B44C1/22	METHOD FOR TRANSFERRING NANOSTRUCTURES INTO A SUBSTRATE

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US2011135884 A1 20110609	US20100755334 20100406; US20090167122P 20090406	VORBECK MATERIALS CORP [US]	B32B1/00; B29C53/04	Bent Coated Articles
US2011135897 A1 20110609	IL20090202549 20091206	ISCAR LTD [IL]	B32B7/02; B05D7/24; B32B15/04; C23C16/08	Coated Article and Method for Making a Coated Article
US2011135903 A1 20110609	JP20080219952 20080828; JP20080229629 20080908; WO2009JP65458 20090828	FUJIFILM CORP [JP]	B32B5/00; C08F228/06; C08K3/22; C08L41/00	THERMOPLASTIC RESIN, ORGANIC-INORGANIC HYBRID COMPOSITION AND OPTICAL PARTS
US2011135921 A1 20110609	US20090919311 20090303; US20080034694P 20080307; WO2009US35814 20090303	3M INNOVATIVE PROPERTIES CO [US]	C09J7/02; C09J7/04; H01B1/22; H01B1/24	Antistatic Block Copolymer Pressure Sensitive Adhesives and Articles
US2011135928 A1 20110609	US20100883709 20100916; WO2009US01771 20090320; US20080070337P 20080321	NANOGRAM CORP [US]	C07F7/02; C01B33/00; C09K11/08; C09K11/59	METAL SILICON NITRIDE OR METAL SILICON OXYNITRIDE SUBMICRON PHOSPHOR PARTICLES AND METHODS FOR SYNTHESIZING THESE PHOSPHORS
US2011136014 A1 20110609	WO2008IB53142 20080805; WO2009IB53300 20090729	DOW GLOBAL TECHNOLOGIES LLC [US]	H01M4/583; B05D5/12; H01M4/88	LITHIUM METAL PHOSPHATE/CARBON NANOCOMPOSITES AS CATHODE ACTIVE MATERIALS FOR RECHARGEABLE LITHIUM BATTERIES
US2011136289 A1 20110609	US201113028765 20110216; KR20040091898 20041111; US20090404693 20090316; US20050102930 20050411	SAMSUNG ELECTRONICS CO LTD [KR]	H01L31/0384; H01L31/0272; H01L31/0296	PHOTODETECTOR USING NANOPARTICLES
US2011136304 A1 20110609	US20100814254 20100611; US20090186368P 20090611	ETAMOTA CORP [US]	H01L21/338	Techniques to Enhance Selectivity of Electrical Breakdown of Carbon Nanotubes

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US2011136657 A1 20110609	JP20080210938 20080819; WO2009JP64411 20090817	TOSOH CORP [JP]	B01J29/06; C01B39/02; C01B39/04	HIGHLY HEAT-RESISTANT BETA-TYPE ZEOLITE AND SCR CATALYST EMPLOYING THE SAME
US2011136670 A1 20110609	US200913057449 20090805; US20080086841P 20080807; WO2009GB01919 20090805	CAMBRIDGE ENTPR LTD [GB]	H01L39/12; B05D5/12; B32B5/00; H01B1/02; H01B12/00; H01L39/24	HIGH TEMPERATURE SUPERCONDUCTORS
US2011136684 A1 20110609	US201113026086 20110211; US20040762931 20040121; US20030441752P 20030121		C40B30/00; B01J19/00	CHEMICAL REACTION MONITOR
US2011136693 A1 20110609	US20100964814 20101210; US20040025502 20041228		C40B40/06; C40B40/00; C40B40/10	ELECTRICALLY ACTIVE COMBINATORIAL CHEMICAL (EACC) CHIP FOR BIOCHEMICAL ANALYTE DETECTION
US2011136696 A1 20110609	US201113029071 20110216; US20060521573 20060913; US20050717376P 20050914	ILLUMINA INC [US]	C40B50/00	CONTINUOUS POLYMER SYNTHESIZER
US2011136708 A1 20110609	JP20080219290 20080828; WO2009JP62699 20090714	NISSAN MOTOR [JP]	C10M125/02	GREASE COMPOSITION
US2011136971 A1 20110609	US20100795790 20100608; US20080048906 20080314; US20090268033P 20090608; US20070906691P 20070314; US20070997291P 20071002; US20070007965P 20071217		C08K3/04; C01B31/02; C10B1/10; C10B57/00; C10B57/12	PYROLYSIS SYSTEMS, METHODS, AND RESULTANTS DERIVED THEREFROM
US2011136980 A1 20110609	FR20080055423 20080805; WO2009FR51554 20090804	ARKEMA FRANCE [FR]	C08L33/14; B32B1/00; C08F2/22; C08F20/10; C08L27/06	NOVEL CORE-SHELL IMPACT MODIFIERS FOR TRANSPARENT POLYMER MATRICES



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US2011137062 A1 20110609	US201113026929 20110214; WO2005US44963 20051213; US20080721554 20080707; US20040635704P 20041213; US20050648920P 20050201	UNIV SOUTH CAROLINA [US]	C07F1/12	SURFACE ENHANCED RAMAN SPECTROSCOPY USING SHAPED GOLD NANOPARTICLES
US2011137093 A1 20110609	GB20070023841 20071206; WO2008BE00101 20081208		C07C4/00; B01J29/08; B01J37/02; B01J38/04	ENHANCING CATALYTIC ACTIVITY OF NANOPOROUS MATERIALS
US2011137100 A1 20110609	FR20080002977 20080530; WO2009FR00510 20090429	IFP ENERGIES NOUVELLES [FR]	C07C2/24	OLEFIN OLIGOMERIZATION METHOD INVOLVING A CATALYTIC SYSTEM BASED ON ORGANOMETALLIC COMPLEXES AND A POROUS SOLID
US2011138610 A1 20110616	US201113034041 20110224; KR20080077595 20080807; KR20080123612 20081205; US20090350584 20090108	SAMSUNG ELECTRONICS CO LTD [KR]; KUMOH NAT INST TECHNOLOGY [KR]	H02K15/00	APPARATUS FOR GENERATING ELECTRICAL ENERGY AND METHOD FOR MANUFACTURING THE SAME
US2011139331 A1 20110616	US20100899847 20101007; US20090286623P 20091215	DU PONT [US]	H01M4/04; B32B37/00	METHOD FOR INCREASING THE STRENGTH AND SOLVENT RESISTANCE OF POLYIMIDE NANOWEBS
US2011139677 A1 20110616	IT2008MI01061 20080611; WO2009EP04193 20090608	ENI SPA [IT]	C10C3/02; B01J21/18; B01J27/047; B01J27/049; B01J27/051; B01J29/076; B01J29/16; C10G35/04	CATALYTIC SYSTEM AND PROCESS FOR THE HYDROCONVERSION OF HEAVY OIL PRODUCTS

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US2011139730 A1 20110616	US20100963962 20101209; US20090286618P 20091215; US20090286628P 20091215; US20090286623P 20091215	DU PONT [US]	B01D35/28; B01D37/00	FILTRATION METHOD USING POLYIMIDE NANOWEB WITH AMIDIZED SURFACE AND APPARATUS THEREFOR
US2011140030 A1 20110616	US20100911010 20101025; US20040548414 20040310; WO2004CA00350 20040310; US20030453970P 20030313		C09K11/02; C08G83/00; C08J3/05; C08K9/10; H01F1/26	METHOD OF PRODUCING HYBRID POLYMER- INORGANIC MATERIALS
US2011140046 A1 20110616	US200913058239 20090811; US20080136108P 20080812; WO2009CA01127 20090811		C09K11/02	Colloidal Nanocrystal Ensembles with Narrow Linewidth Band Gap Photoluminescence and Methods of Synthesizing Colloidal Semiconductor Nanocrystals
US2011140052 A1 20110616	US20100962022 20101207; US20090286247P 20091214	3M INNOVATIVE PROPERTIES CO [US]	H01B1/24; H01B1/20; H01B1/22	DIELECTRIC MATERIAL WITH NON-LINEAR DIELECTRIC CONSTANT
US2011140053 A1 20110616	WO2009EP53517 20090325	GT ELEKTROTECHNISCHE PRODUKTE [DE]	H01B1/24; C08K3/04; C08K3/34; C08K5/3492; C08L75/08; H01B1/12; H01B1/22	POLYURETHANE GELS AND METHOD FOR THE PRODUCTION THEREOF
US2011140072 A1 20110616	US20080090865P 20080821; WO2009US54181 20090818; US200913059409 20090818	NANOCRYSTAL CORP [US]	H01L29/20; H01L21/20	DEFECT-FREE GROUP III - NITRIDE NANOSTRUCTURES AND DEVICES USING PULSED AND NON-PULSED GROWTH TECHNIQUES

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US2011140080 A1 20110616	WO2008CN01493 20080819	LATTICE POWER JIANGXI CORP [CN]	H01L33/06; H01L33/58	METHOD FOR FABRICATING InGaAIN LIGHT-EMITTING DIODES WITH A METAL SUBSTRATE
US2011140295 A1 20110616	US20100971235 20101217; US20080055865 20080326; US20070907207P 20070326	UNIV CONNECTICUT [US]	B29B9/12	Electrospun Apatite/Polymer Nano-Composite Scaffolds
US2011140309 A1 20110616	CN20091250642 20091211	BEIJING FUNATE INNOVATION TECHNOLOGY CO LTD [CN]	D01F9/12; B29C41/24; C23C16/01	METHOD FOR MAKING CARBON NANOTUBE STRUCTURE
US2011141813 A1 20110616	US201113031966 20110222; US20090484418 20090615		G11C16/04; G11C7/00; G11C11/00; G11C11/22; G11C29/04	USE OF EMERGING NON-VOLATILE MEMORY ELEMENTS WITH FLASH MEMORY
US2011142727 A1 20110616	US201113022110 20110207; US20080146841 20080626; WO2005JP23799 20051226	FUJITSU LTD [JP]	B01J19/24	METHOD OF GROWING CARBON NANOTUBE AND CARBON NANOTUBE GROWING SYSTEM
US2011142734 A1 20110616	US201113024627 20110210; US20100777099 20100510; US20040765718 20040126; US20030434970 20030509; US20020394544P 20020708; US20020379927P 20020509	UNIV CHICAGO [US]	B01L3/00; C30B1/00; G01N1/00	DEVICE AND METHOD FOR PRESSURE-DRIVEN PLUG TRANSPORT
US2011142752 A1 20110616	US20100981605 20101230	FORD GLOBAL TECH LLC [US]	C01B3/00; B01J20/02; B01J20/20; B01J20/22; B01J20/28; B01J20/30	Hydrogen Storage Materials
US2011142947 A1 20110616	US20100796273 20100608; US20090184903P 20090608; US20090248127P 20091002		A61K9/14; A61K31/198; A61P9/00; C07D303/38; C07D303/40; C08B37/08; C08G63/91	NOVEL FORMULATIONS

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US2011143018 A1 20110616	US20100876079 20100903; US20090275852P 20091007		B05D5/12; C23C14/54	Methods and systems for making battery electrodes and devices arising therefrom
US2011143023 A1 20110616	KR20090125174 20091216	CHUNGNAM NAT UNIVERSITY INDUSTRY COLLABORATION FOUNDATION [KR]	B05D5/12	GAS SENSOR USING POROUS NANO-FIBER CONTAINING METAL OXIDE AND MANUFATURING METHOD THEREOF
US2011143087 A1 20110616	US20100968187 20101214; US20090286340P 20091214	APPLIED NANOSTRUCTURED SOLUTIONS LLC [US]	B32B5/12; B32B5/16	FLAME-RESISTANT COMPOSITE MATERIALS AND ARTICLES CONTAINING CARBON NANOTUBE-INFUSED FIBER MATERIALS
US2011143088 A1 20110616	WO2008EP01901 20080310	JACOBS UNIVERSITY BREMEN GGMBH [DE]	C01G53/04; B32B3/24; B32B9/00	NIO NANOSHEET STRUCTURE POSSESSING THE (111) CRYSTALLOGRAPHIC PLANES WITH HEXAGONAL HOLES, METHOD FOR PREPARING THE SAME AND USES THEREOF
US2011143093 A1 20110616	JP20080220179 20080828; WO2009JP04200 20090828	UNIV NAGOYA NAT UNIV CORP [JP]	B32B3/00; B32B5/00; B32B9/04	PROCESS FOR PRODUCING GRAPHENE/SiC COMPOSITE MATERIAL AND GRAPHENE/SiC COMPOSITE MATERIAL OBTAINED THEREBY

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US2011143107 A1 20110616	US20100966621 20101213; EP20090179120 20091214; US20090286044P 20091214	BASF SE [DE]	B32B15/14; B05D1/36; B05D1/38; B05D3/00; B05D3/14; B32B15/04; C09D1/00	PRODUCTION OF METALLIZED SURFACES, METALLIZED SURFACE AND USE THEREOF
US2011143132 A1 20110616	KR20080062975 20080630; KR20080093049 20080923; KR20080093645 20080924; KR20090057591 20090626; WO2009KR03568 20090630	KOLON INC [KR]	B32B5/00; B32B9/00; B32B15/04; B32B15/08; B32B27/38	PLASTIC SUBSTRATE AND DEVICE INCLUDING THE SAME
US2011143137 A1 20110616	US20080668193 20080708; US20070948971P 20070710; US20070987547P 20071113; WO2008US69384 20080708	UNIV CALIFORNIA [US]	H01L23/00; C09K11/08; D02G1/00	Composite Nanorods
US2011143139 A1 20110616	US201113012097 20110124; US20070836746 20070809; US20070908144P 20070326; US20060837791P 20060811	AQUA RESOURCES CORP [US]	B32B5/16	NANOPLATELET METAL HYDROXIDES AND METHODS OF PREPARING SAME
US2011143353 A1 20110616	FR20080000552 20080201; WO2009FR00105 20090130	APOH TECHNOLOGIES SA [FR]	C12Q1/68; G01N33/569	METHOD FOR IN VITRO DETECTION AND/OR QUANTIFICATION AND/OR IDENTIFICATION OF INFECTIOUS COMPOUNDS IN A BIOLOGICAL MATERIAL
US2011143417 A1 20110616	US20100968936 20101215; US20090396965 20090303; US20060391584 20060328; US20050668603P 20050406; US20050728292P 20051019; US20050751196P 20051216; US20060782332P 20060314	IBC PHARMACEUTICALS INC [US]	C12N9/96; C07K19/00	Stably Tethered Structures of Defined Compositions with Multiple Functions or Binding Specificities

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US2011143464 A1 20110616	US20100960182 20101203; US20090266498P 20091203	MASSACHUSETTS INST TECHNOLOGY [US]	H01L33/00; C01G9/02; G06G7/62	Methods and Apparatus for Control of Hydrothermal Nanowire Synthesis
US2011143619 A1 20110616	DE200810038294 20080818; WO2009DE01171 20090818	AIRBUS SAS [FR]	B29C47/02; B32B27/04; B32B27/20	METHOD FOR THE PRODUCTION OF A FIBER COMPOSITE COMPONENT, AND SEMIFINISHED TEXTILE PRODUCT THEREFOR
US2011143934 A1 20110616	WO2008US06318 20080516	UTC POWER CORP [US]	B01J23/42; B01J21/06; B01J23/44; B01J23/46; B01J23/50; B01J23/52; B01J23/648; B01J23/652; B01J23/656; B01J23/68	STABILIZED PLATINUM CATALYST
US2011144030 A1 20110616	ES20080000011 20080104; WO2009ES00001 20090105		A61K38/02; A61K8/73; A61Q19/00; C08B37/08; C12P19/28	CONJUGATE OF HYALURONIC ACID FOR COSMETIC TREATMENT AND PREPARATION METHOD
US2011144061 A1 20110616	JP20080194041 20080728; JP20090158201 20090702; WO2009JP63706 20090727	CANON KK [JP]	A61K8/49; B01J31/02; B01J31/18; B32B1/00; C07F9/6506; C09D7/12; H01B1/12; H01B3/20	NANOPARTICLE/DISPERSA NT COMPLEX, NANOPARTICLE DISPERSION LIQUID, AND NANOPARTICLE/MATRIX- MATERIAL COMPLEX
US2011144221 A1 20110616	WO2008US65780 20080604	OWENS CORNING INTELLECTUAL CAP [US]	C08J9/00	Extruded Polystyrene Foam Containing Propylene Carbonate, Ethylene Carbonate or Butylene Carbonate as a Process Aids

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US2011144382 A1 20110616	US20100969264 20101215; US20090284329P 20091215	SDCMATERIALS INC [US]	B01J23/42; B01J21/02; B01J23/00; B01J23/46; B01J37/00; C07C67/00; C07C201/12; C07C209/36	ADVANCED CATALYSTS FOR FINE CHEMICAL AND PHARMACEUTICAL APPLICATIONS
US2011146449 A1 20110623	US200913060184 20090821; US20080136275P 20080822; WO2009SG00294 20090821	AGENCY SCIENCE TECH & RES [SG]	B22F9/18; C01B33/20	METHODS AND COMPOSITIONS COMPRISING POLYOXOMETALATES
US2011146772 A1 20110623	JP20090220404 20090925	NIPPON CATALYTIC CHEM IND [JP]; UNIV KINKI [JP]	H01L31/0248; H01L31/18	METHOD FOR MANUFACTURING QUANTUM DOT- SENSITIZED SOLAR CELL ELECTRODE, QUANTUM DOT-SENSITIZED SOLAR CELL ELECTRODE AND QUANTUM DOT- SENSITIZED SOLAR CELL
US2011146912 A1 20110623	US20100927394 20101112; US20060511103 20060828		B65C9/26; B32B3/10; B41M5/30; B41M5/323; B41M5/337; B65C9/18; B65C9/40; G09F3/02	Multi-layer, light markable media and method and automatic and manually operated apparatus for using same
US2011147177 A1 20110623	WO2008JP65128 20080825	TOSHIBA KK [JP]	H01H59/00; B05D1/16; B05D5/12; B32B15/04	STRUCTURE, ELECTRONIC DEVICE, AND METHOD FOR FABRICATING A STRUCTURE
US2011147523 A1 20110623	GB20090011876 20090709	AIRBUS OPERATIONS LTD [GB]	B64D37/00; B64C1/00; B64C3/00	PIPE COUPLING DEVICE FOR AIRCRAFT WING
US2011147640 A1 20110623	KR20080080925 20080819; WO2008KR07812 20081230	CHEIL IND INC [KR]	H01B1/24	Thermoplastic Resin Composition Having Electrical Conductivity, Wear Resistance and High Heat Resistance

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US2011147669 A1 20110623	US20100966347 20101213; US20100860405 20100820; US20080297979 20081021; WO2007US67297 20070424; US20070674810 20070214; US20060380283 20060426; US20050725541P 20051011	DIMEROND TECHNOLOGIES INC [US]	H01B1/04; H01B1/02	Self-Composite Comprised of Nanocrystalline Diamond and a Non-Diamond Component Useful for Thermoelectric Applications
US2011147670 A1 20110623	US201113041473 20110307; GB20060019401 20061002; US20100792338 20100602; US20070787701 20070417	HEXCEL CORP [US]; HEXCEL COMPOSITES LTD [GB]	H01B1/24; H01B1/22	COMPOSITE MATERIALS WITH BLEND OF THERMOPLASTIC PARTICLES
US2011147671 A1 20110623	US200913060976 20090825; US20080091750P 20080826; WO2009EP60903 20090825	BASF SE [DE]	H01B1/02; H01B1/04; H01M4/88	SYNTHESIS OF LIFEPO4 UNDER HYDROTHERMAL CONDITIONS
US2011147672 A1 20110623	US20100973998 20101221; WO2009US49472 20090702; US20080077894P 20080703		H01B1/22; H01B1/12; H01B1/24	THIXOTROPIC CONDUCTIVE COMPOSITION
US2011147673 A1 20110623	FR20080054512 20080703; WO2009FR51225 20090625	ARKEMA FRANCE [FR]	H01B1/24; H01B1/12; H01B1/22	METHOD OF MANUFACTURING COMPOSITE CONDUCTING FIBRES, FIBRES OBTAINED BY THE METHOD, AND USE OF SUCH FIBRES
US2011147675 A1 20110623	DE200810038524 20080820; WO2009EP05840 20090812	BAYER MATERIALSCIENCE AG [DE]	H01B1/12	ANTISTATIC OR ELECTRONICALLY CONDUCTIVE POLYURETHANES, AND METHOD FOR THE PRODUCTION THEREOF



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US2011147715 A1 20110623	US20080061710P 20080616; US20080074254P 20080620; WO2009US47442 20090616; US20090996924 20090616	PURDUE RESEARCH FOUNDATION [US]	H01L29/775; H01L21/20	Medium Scale Carbon Nanotube Thin Film Integrated Circuits on Flexible Plastic Substrates
US2011149364 A1 20110623	US201113037006 20110228; GB20000022208 20000911; US20010949645 20010912	TOSHIBA KK [JP]	G02F1/19; G02B6/122; G02F1/01; H01S5/10	OPTICAL DEVICE AND METHOD FOR ITS MANUFACTURE
US2011149400 A1 20110623	ES20060002405 20060922; WO2007ES70162 20070918	CONSEJO SUPERIOR INVESTIGACION [ES]; CONSEJO NAC INVEST CIENT TEC [AR]	G02B5/28; B05D5/06; B32B7/02	PROCESS FOR PREPARING MULTILAYERS WITH AN ORDERED MESOPOROUS STRUCTURE, MATERIAL OBTAINED IN THIS MANNER, AND USE
US2011149473 A1 20110623	US20100974647 20101221; US20090288560P 20091221		H01G9/07; H01G9/155	ENERGY STORAGE IN EDLCS BY UTILIZING A DIELECTRIC LAYER
US2011150695 A1 20110623	US20060506769 20060818; US20050709561P 20050819	NANOSYS INC [US]	C22C5/04; C22C19/03	ELECTRONIC GRADE METAL NANOSTRUCTURES
US2011150735 A1 20110623	US20070924394 20071025; US20060856189P 20061101	L LIVERMORE NAT SECURITY LLC [US]	C01F17/00; C04B35/64	Fabrication of Transparent Ceramics Using Nanoparticles Synthesized Via Flame Spray Pyrolysis
US2011150737 A1 20110623	US20100928185 20101206; US20040592913 20040315; WO2004CH00151 20040315		C01B25/32; A61L27/12; C01B13/34; C01B17/96; C01B25/455; C01F11/18; C01F11/46; C01G1/00; C01G1/02	Flame synthesis of metal salt nanoparticles, in particular calcium and phosphate comprising nanoparticles
US2011150752 A1 20110623	US20100971414 20101217; US20090289470P 20091223	3M INNOVATIVE PROPERTIES CO [US]	C01G23/047	REMOTE PLASMA SYNTHESIS OF METAL OXIDE NANOPARTICLES

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US2011150753 A1 20110623	KR20080089634 20080911; WO2009KR05034 20090907	KOREA BASIC SCIENCE INST [KR]	C01G23/053; C01G23/08	METHOD FOR PREPARING UNIFORM ANATASE-TYPE TITANIUM DIOXIDE NANOPARTICLES
US2011151019 A1 20110623	KR20080046589 20080520; WO2009KR02661 20090520	UNIV YONSEI IACF [KR]	A61K33/24; A61K9/00	Heat Generating Nanomaterials
US2011151110 A1 20110623	US200913055858 20090723; US20080083626P 20080725; WO2009US51543 20090723		B05D5/12; B05D1/00; B05D1/02; B05D1/28; B05D5/04; C09D11/00	METAL NANOPARTICLE INK COMPOSITIONS
US2011151116 A1 20110623	US201113036336 20110228; US20070950848 20071205		B05D5/00	PROCESS FOR THE PRODUCTION OF COATED TITANIUM DIOXIDE PIGMENTS
US2011151126 A1 20110623	US200913060837 20090831; US20080092781P 20080829; WO2009US55481 20090831		B05D3/02; C09D1/00	TRIVALENT CHROMIUM CONVERSION COATING
US2011151133 A1 20110623	FR20080002677 20080519; WO2009FR00571 20090514	EUROCOPTER FRANCE [FR]	B05D1/04	METHOD OF FABRICATING A PAINTED SUBSTRATE THAT IS ELECTRICALLY NON-CONDUCTIVE
US2011151144 A1 20110623	US20100969351 20101215; JP20040120754 20040415; US20050107588 20050415	HITACHI GLOBAL STORAGE TECH NL [NL]	G11B5/667; G11B5/852; B05D3/00; G11B5/127; G11B5/73; G11B5/738; G11B5/84; G11B5/851; H01F10/13; H01F10/16; H01F10/32; H01F41/18	PERPENDICULAR MAGNETIC RECORDING MEDIUM, MANUFACTURING PROCESS OF THE SAME, AND MAGNETIC RECORDING/REPRODUCIN G APPARATUS USING THE SAME

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US2011151154 A1 20110623	US201113039666 20110303; US20060344983 20060201	MOMENTIVE PERFORMANCE MAT INC [US]	E06B3/66	INSULATED GLASS UNIT WITH SEALANT COMPOSITION HAVING REDUCED PERMEABILITY TO GAS
US2011151190 A1 20110623	US20080599286 20080508; US20070916777P 20070508; WO2008US63113 20080508		B32B5/16; G03F7/20	SHADOW EDGE LITHOGRAPHY FOR NANOSCALE PATTERNING AND MANUFACTURING
US2011151225 A1 20110623	US20100963778 20101209; US20090284750P 20091222		B32B27/06; B05D1/36; B05D7/26; B32B3/26; B32B27/00; C08L9/06; C08L31/04; C08L33/08	OPAQUE WET, SEE- THROUGH DRY WEATHER- RESISTIVE BARRIERS AND METHODS FOR MAKING
US2011151242 A1 20110623	JP20080054506 20080305; WO2009JP53867 20090302	JAPAN SCIENCE & TECH AGENCY [JP]	B32B3/26; B05D1/36; B05D3/10; B05D5/00	COMPOSITE MATERIAL COMPRISING SILICON MATRIX AND METHOD OF PRODUCING THE SAME
US2011151254 A1 20110623	JP20080224821 20080902; WO2009JP65159 20090831	UNIV HOKKAIDO NAT UNIV CORP [JP]; KURARAYLIVING CO LTD [JP]; MITSUI BUSSAN [JP]	D02G3/36; B05D5/12	ELECTRO-CONDUCTIVE FIBERS WITH CARBON NANOTUBES ADHERED THERE TO, ELECTRO- CONDUCTIVE YARN, FIBERS STRUCTURAL OBJECT, AND PRODUCTION PROCESSES THEREOF
US2011151260 A1 20110623	JP20080213717 20080822; WO2009JP64737 20090824	UNIV TOKYO [JP]	C01B33/12	SILICA NANOPARTICLE STRUCTURE AND PROCESS FOR PRODUCTION OF SAME

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US2011151283 A1 20110623	WO2007US77419 20070831	ALLIANCE SUSTAINABLE ENERGY [US]	H01M2/00; B05D5/12; C01D15/02; C01G31/00; C01G41/02; C01G45/12; C01G49/02; C01G51/02; C01G53/04; H01M4/48; H01M4/485; H01M4/50; H01M4/505; H01M4/52; H01M4/525; H01M4/86; H01M10/0525; H01M10/36	THIN FILM LITHIUM-BASED BATTERIES AND ELECTROCHROMIC DEVICES FABRICATED WITH NANOCOMPOSITE ELECTRODE MATERIALS
US2011151335 A1 20110623	DE200910055223 20091223; EP20100152775 20100205		H01M4/58; B05D5/12; C25D15/00; H01M4/04; H01M10/0562	Lithium-sulfur cell and method for manufacturing
US2011151354 A1 20110623	KR20090126121 20091217	SAMSUNG ELECTRONICS CO LTD [KR]	H01M8/10; B01J21/18; H01M4/88; H01M4/92	Electrode catalyst for fuel cell, method of manufacturing the same, and fuel cell using the Electrode catalyst
US2011151543 A1 20110623	US201113016262 20110128; KR20050031406 20050415; KR20050082442 20050905; US20060405106 20060417	SAMSUNG ELECTRONICS CO LTD [KR]	C12N7/02; C12N1/20; C12N5/00; C12N5/04	CELL SEPARATION METHOD USING HYDROPHOBIC SOLID SUPPORTS
US2011152070 A1 20110623	WO2008US50966 20080114		B01J21/06; B01J21/18; B01J37/02	GOLD CARBON MONOXIDE OXIDATION CATALYSTS WITH ETCHED SUBSTRATE
US2011152305 A1 20110623	US20100690607 20100120; US20070756587 20070531; US20060809344P 20060531; US20060844122P 20060913	BRIGHAM & WOMENS HOSPITAL [US]; TRUSTEES OF THE BOSTON UNIVERSITY [US]	A61K31/475; A61K31/337; A61P17/02; A61P29/00; A61P31/00; A61P35/00; B32B5/00; C07C69/96; C08G63/08	FILMS AND PARTICLES
US2011152405 A1 20110623	FR20080051524 20080310; WO2009EP52736 20090309	MICHELIN SOC TECH [FR]; MICHELIN RECH TECH [CH]	C08K3/36	Diene Rubber Composition for Tire Including a Silica as a Reinforcing Filler

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US2011152427 A1 20110623	US201113036851 20110228; US20080081115 20080410; US20030435222 20030509; US20010790036 20010220; US19980083893 19980522; US19980079225P 19980324; US19970069935P 19971217; US19970049077P 19970609		C08L33/12; C08K3/00; C08K3/08; C08K3/10; C08K3/22	NANOCOMPOSITES
US2011152553 A1 20110623	KR20090128444 20091221	KOREA ELECTRONICS TELECOMM [KR]	C07F7/10	CARBON NANOTUBE COMPOSITE AND PREPARATION METHOD OF THE SAME
US2011154648 A1 20110630	US201113047593 20110314; US20090634525 20091209; US20030345783 20030116; US20020349670P 20020116	NANOMIX INC [US]	H05K13/00; G01N33/543; G01N33/551; G01N33/566; G01N33/58	ELECTRONIC SENSING OF BIOLOGICAL AND CHEMICAL AGENTS USING FUNCTIONALIZED NANOSTRUCTURES
US2011155211 A1 20110630	US20090935855 20090405; US20080041366P 20080401; WO2009IL00371 20090405		H01L31/052	STATIONARY SOLAR SPECTRUM-SPLITTING SYSTEM AND METHOD FOR STIMULATING A BROADBAND PHOTOVOLTAIC CELL ARRAY
US2011155223 A1 20110630	JP20080159826 20080619; WO2009JP61040 20090617	SONY CORP [JP]	H01L31/04; H01L31/02; H01L31/18	DYE-SENSITIZED SOLAR CELL AND A METHOD OF MANUFACTURING THE SAME
US2011155231 A1 20110630	TW20090146648 20091231; CN20101117014 20100209		H01L31/02	MULTI-JUNCTION SOLAR CELL
US2011155236 A1 20110630	JP20090295806 20091225		H01L31/06; H01L31/0352	Nanowire Solar Cell and Manufacturing Method of the Same

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US2011155558 A1 20110630	BR2009PI05232 20091230	PETROLEO BRASILEIRO SA [BR]	C10G31/00; B01J19/12	PROCESS FOR REDUCING NAPHTHENIC ACIDITY & SIMULTANEOUS INCREASE OF API GRAVITY OF HEAVY OILS
US2011155571 A1 20110630	US201113032585 20110222; US20060525469 20060922; US20040983993 20041108	QUANTUMSPHERE INC [US]	C25B11/04; G01N27/30	NANO-MATERIAL CATALYST DEVICE
US2011155649 A1 20110630	US20090989833 20090521; US20080128320P 20080521; WO2009US44848 20090521	HARVARD COLLEGE [US]	B82B3/00; B07B13/00	NANOPARTICLE SEPARATION USING COHERENT ANTI-STOKES RAMAN SCATTERING
US2011155964 A1 20110630	US20100959990 20101203; US20070897129 20070829; US20060840990P 20060830		H01B1/04	Monodisperse Single-Walled Carbon Nanotube Populations and Related Methods for Providing Same
US2011155965 A1 20110630	KR20090134952 20091230	CHEIL IND INC [KR]	H01B1/24	Polycarbonate Resin Composition Having Excellent Wear Resistance and Electric Conductivity and Method of Preparing the Same
US2011155966 A1 20110630	US201113045207 20110310; US20030669422 20030924; US20020413114P 20020924	DU PONT [US]	H01B1/12; C08K3/00; H01B1/02; H01B1/04; H01L51/30; H01L51/50	ELECTRICALLY CONDUCTING ORGANIC POLYMER/NANOPARTICLE COMPOSITES AND METHODS FOR USE THEREOF

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US2011155971 A1 20110630	US20100967922 20101214; US20090286229P 20091214	NEVADA SYSTEM OF HIGHER EDUCATION BOARD OF REGENTS; ON BEHALF OF THE UNIVERSITY OF NEVADA RENO [US]	C01G23/04; F21V9/00	HYDROTHERMAL SYNTHESIS OF NANOCUBES OF SILLENITE TYPE COMPOUNDS FOR PHOTOVOLTAIC APPLICATIONS AND SOLAR ENERGY CONVERSION OF CARBON DIOXIDE TO FUELS
US2011155995 A1 20110630	TW20090145912 20091230		H01L29/66; H01L21/20	Vertically Oriented Nanostructure and Fabricating Method Thereof
US2011156019 A1 20110630	US200913062964 20090909; US20080136486P 20080909; WO2009IL00879 20090909	TECHNION RES & DEV FOUNDATION [IL]	H01L51/05; H01B1/02; H01B1/06; H01L51/40	DERIVATIZED FULLERENE- BASED DOPANTS FOR ORGANIC SEMICONDUCTORS
US2011156319 A1 20110630	JP20080257474 20081002; WO2009JP04480 20090910		B29C47/00; D04H1/42; D04H1/728	METHOD AND APPARATUS FOR PRODUCING NANOFIBERS
US2011156538 A1 20110630	JP20080234541 20080912; WO2009JP65906 20090911		H01L41/00	POLYMER ACTUATOR
US2011156575 A1 20110630	TW20090145977 20091230	AU OPTRONICS CORP [TW]	H01J1/62; F23Q23/00	Display Device with Quantum Dot Phosphor and Manufacturing Method Thereof
US2011157588 A1 20110630	WO2007EP63895 20071213; WO2008EP67423 20081212	UNIV WIEN [AT]; MAX F PERUTZ LAB GMBH [AT]	G01J3/46; B05D5/06; G01N33/52	DEVICE COMPRISING TWO REFLECTING LAYERS AND A POLYMER LAYER FOR ANALYZING THE AGE AND/OR QUALITY OF A NATURAL PRODUCT

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US2011158595 A1 20110630	FR20080050650 20080201; WO2009FR50115 20090127	ALCATEL LUCENT [FR]	G02B6/02; H01S3/067	RARE-EARTH-DOPED FIBER OPTIC WAVEGUIDE AND OPTICAL DEVICE COMPRISING IT
US2011158872 A1 20110630	US20100938563 20101103; US20090257620P 20091103		B01D15/00; B01D24/46; B01D53/02; B01D53/10; B01D53/38; B01D53/56; B01D53/62; B01D53/64; B01D53/66; B01D53/72; B01J19/08	Method and System for Adsorbing Pollutants and/or Contaminants
US2011158889 A1 20110630	US201113043307 20110308; US20080266477 20081106; US20070985855P 20071106	QUANTUMSPHERE INC [US]	C01C1/04; B01J19/00	SYSTEM AND METHOD FOR AMMONIA SYNTHESIS
US2011159070 A1 20110630	US20090997689 20090702; US20080078141P 20080703; US20080087957P 20080811; WO2009US49523 20090702	UNIV CALIFORNIA [US]	A61L27/54; A61K9/00; A61K9/127; A61K9/70; A61K31/7088; A61K35/12; A61K38/02; A61K38/18; A61K38/22; A61K48/00; A61L27/38; A61P19/04; A61P19/08; A61P43/00; B23K15/00; B23K26/20; B23K31/02; C12N5/077; C23F1/04; H05B6/02	BIOMATERIALS AND IMPLANTS FOR ENHANCED CARTILAGE FORMATION, AND METHODS FOR MAKING AND USING THEM
US2011159182 A1 20110630	US201113043128 20110308; US20070947492 20071129; US20060868860P 20061206	SAINT GOBAIN CERAMICS [US]	B05D7/24; B05D3/02	TREATED ALUMINA HYDRATE MATERIAL AND METHODS OF MAKING THE SAME



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US2011159229 A1 20110630	US20100980405 20101229; DE200910060692 20091229; US20090290517P 20091229	AIRBUS OPERATIONS GMBH [DE]	B32B3/08; B05B5/025; B05D7/24	METHOD FOR EDGE SEALING A COMPONENT, DEVICE FOR IMPLEMENTING THE METHOD, AS WELL AS EDGE-SEALED COMPONENT
US2011159240 A1 20110630	US20100950460 20101119; US20090264034P 20091124		B32B5/16; B05D1/00; B05D3/00; B05D5/00; B05D5/06; B32B1/00	COMPOSITE NANOPARTICLES FOR ROOFING GRANULES, ROOFING SHINGLES CONTAINING SUCH GRANULES, AND PROCESS FOR PRODUCING SAME
US2011159273 A1 20110630	DE200710025452 20070531; DE200710061624 20071218; WO2008EP56730 20080531	UNIV ERNST MORITZ ARNDT [DE]; INST NIEDERTEMP PLASMAPHYSIK E V GREIFSWALD [DE]	B32B5/16; B05D1/00; B05D1/12; B05D1/18; B05D3/10; B05D5/00	METHOD FOR COATING SURFACES WITH MICRO- AND NANOPARTICLES WITH THE AID OF PLASMA METHODS
US2011159275 A1 20110630	CN20091312293 20091225	SHENZHEN FUTAIHONG PREC IND CO [CN]; FIH HONG KONG LTD [HK]	B32B5/16	ELECTRONIC DEVICE HOUSING
US2011159281 A1 20110630	US20100978699 20101227; US20090290754P 20091229	3M INNOVATIVE PROPERTIES CO [US]	C09J7/02; B05D3/00; B32B27/18; B32B27/40; C08G18/00	POLYURETHANE NANOCOMPOSITES
US2011159286 A1 20110630	KR20090136199 20091231	ISNU R & DB FOUNDATION [KR]	C01B33/12; B32B1/00; C23C16/01	METHOD OF MANUFACTURING SILICA NANOWIRES
US2011159299 A1 20110630	US20100837929 20100716; US20070866897 20071003; US20060849233P 20061003		B32B9/00; B05D3/06; B05D3/10	HYDROPHOBIC COATING AND METHOD

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US2011159659 A1 20110630	CN20091202069 20091231		H01L21/331	Novel Manufacturing Approach for Collector and N Type Buried Layer Of Bipolar Transistor
US2011160034 A1 20110630	US20110932696 20110303; JP20050099700 20050330; US20070887172 20071108; WO2006JP306742 20060330	FUKUOKA PREFECTURE [JP]; NIPPON TUNGSTEN [JP]	C04B35/56	Titanium carbide powder and titanium carbide-ceramics composite powder and method for production thereof, and sintered compact from the titanium carbide powder and sintered compact from the titanium carbide/ ceramics composite powders and method for produ
US2011160037 A1 20110630	KR20090133885 20091230	CHEIL IND INC [KR]	H01B1/04; B01J35/02	Carbon Nanofiber-Metal Composite and Method for Preparing the Same
US2011160042 A1 20110630	TW20090145270 20091228	INER AEC EXECUTIVE YUAN [TW]	B01J29/08; B01J20/00; B01J20/08; B01J20/10; B01J20/22; B01J20/26; B01J21/04; B01J21/08; B01J21/16; B01J21/18; B01J23/00; B01J29/04; B01J35/00; C01B31/08	METHOD FOR CONSTRUCTING FRACTAL NETWORK STRUCTURE IN HYDROGEN STORAGE MATERIAL
US2011160046 A1 20110630	US201113039742 20110303; US20080341255 20081222		B01J37/02; B01J21/18; B05D1/02; B05D1/18; B05D1/30; B05D3/00	CARBON NANOTUBES WITH NANO-SIZED PARTICLES ADHERED THERETO AND METHOD OF PREPARING SAME

Número do Pedido	País e Nº da Prioridade	Nome(s) do(s) Depositantes	CIP	Título
US2011160065 A1 20110630	US20100947911 20101117; US20090648748 20091229	UT BATTELLE LLC [US]	H01L39/02; B32B3/10; C23C14/06; C23C14/34; C30B23/02; C30B23/06; C30B25/02	PHASE-SEPARATED, EPITAXIAL COMPOSITE CAP LAYERS FOR ELECTRONIC DEVICE APPLICATIONS AND METHOD OF MAKING THE SAME
US2011160094 A1 20110630	US20110984443 20110104; US20030688867 20031017		C40B40/08; C40B40/00; C40B40/06	NANOCONTACT PRINTING
US2011160319 A1 20110630	TW20090146211 20091231	IND TECH RES INST [TW]	C08J5/22	ORGANIC/INORGANIC HYBRID COMPOSITE PROTON EXCHANGE MEMBRANE
US2011160338 A1 20110630	US200913061231 20090813; US20080092906P 20080829; WO2009US53694 20090813	ARKEMA INC [US]	C08F8/00; C08L9/00; C08L33/08; C08L33/10; C08L35/00; C08L37/00	FUNCTIONALIZED BIMODAL IMPACT MODIFIERS
US2011160345 A1 20110630	US20110987594 20110110; US20060469128 20060831; US20050713362P 20050902; US20050728939P 20051022	NATURALNANO INC [US]	C08K3/34; C08L63/00	POLYMERIC COMPOSITE INCLUDING NANOPARTICLE FILLER
US2011160346 A1 20110630	US201113040085 20110303; US20070757272 20070601; US20070693454 20070329; US20070695877 20070403; US20060819319P 20060707; US20060810394P 20060602; US20060788234P 20060331; US20060789300P 20060405	APPLIED NANOTECH HOLDINGS INC [US]	C09D163/00; C08G59/14; C08G59/16; C08K3/04	DISPERSION OF CARBON NANOTUBES BY MICROFLUIDIC PROCESS
US2011160369 A1 20110630	TW20090146307 20091231; TW20100138454 20101109		D02G3/02; C08F20/44; C08K5/00; C08K5/05; C08L33/20; D01D5/06	PAN-BASED CARBON FIBERS AND FABRICATION METHOD THEREOF AND PRECURSOR RAW MATERIAL THEREOF

Número do Pedido	País e Nº da Prioridade	Nome(s) do(s) Depositantes	CIP	Título
US2011160372 A1 20110630	KR20090135027 20091231	CHEIL IND INC [KR]	C08K3/04; C08K3/08	Thermoplastic Resin Composition with EMI Shielding Properties
US2011160374 A1 20110630	JP20080154121 20080612; JP20090007500 20090116; WO2009JP59506 20090525	DAINIPPON INK & CHEMICALS [JP]; KAWAMURA INST CHEM RES [JP]	C09D139/00; B05D3/02; B05D3/10; B05D7/22	STRUCTURAL OBJECT COATED WITH SUPERHYDROPHOBIC NANOSTRUCTURE COMPOSITE AND PROCESS FOR PRODUCING THE SAME
US2011160426 A1 20110630	DE200810018905 20080414; DE200810028146 20080614; WO2009EP54318 20090409	UNIV MARBURG PHILIPPS [DE]	C08G63/685; C08G63/68; C08G63/692; C08G75/24; C09J167/00	HYDROLYTICALLY DECOMPOSABLE IONIC COPOLYMERS
US2011160485 A1 20110630	DE200810026208 20080530; WO2009EP03880 20090529		B01J23/86; C01G37/02; C07C29/149; C07C47/00; C07C209/32	METHOD FOR THE PRODUCTION OF MIXED OXIDES CONTAINING COPPER AND CHROMIUM
US2011160512 A1 20110630	US201113043788 20110309		A62D3/176; A62D3/10; B01J21/16; B01J37/30	METHOD OF PREPARATION OF ZnS AND CdS NANOPARTICLES FOR DECHLORINATION OF POLYCHLOROBIPHENYLS IN OILS
US7867620 B1 20110111	US20070880748 20070724	ROCKWELL COLLINS INC [US]	B32B9/04; B32B13/04; B32B15/04	Composite plate comprising carbon nanotube bundles with high thermal conductivity and method for making the same

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US7879308 B1 20110201	US20050098247 20050404; US20040961929 20041008; US20030424336 20030425; US20000528259 20000317; US20030511787P 20031016; US20040559745P 20040406	UNIV CENTRAL FLORIDA RES FOUND [US]	D01F9/12	Multiwall carbon nanotube field emitter fabricated by focused ion beam technique
US7880318 B1 20110201	US20070741242 20070427	HEWLETT PACKARD DEVELOPMENT CO [US]	H01L23/58; H01L21/00; H01L29/221; H01L33/00	Sensing system and method of making the same
US7883685 B1 20110208	US20100788486 20100527; US20060490248 20060721	IBM [US]	C01B31/02; B01J19/08; C07F9/547; C09B5/00; D01F9/12; D21H21/16; H01L51/40	Complexes of carbon nanotubes and fullerenes with molecular-clips and use thereof
US7893177 B1 20110222	US20070930885 20071031; US20050061364 20050218; WO2003US26079 20030819; US20020404442P 20020819	UNIV IOWA RES FOUND [US]	C08F30/04; G01N33/547	Redox polymer nanoparticles
US7909907 B1 20110322	US20090552633 20090902; US20060415840 20060502	BABCOCK & WILCOX TECHNICAL SERVICES Y 12 LLC [US]	B22F1/00	Methods for high volume production of nanostructured materials
US7912653 B1 20110322	US20050075364 20050308; US20040826153 20040416; US20030463765P 20030417	NANOSYS INC [US]	G01N33/48; C12Q1/68; G01N31/00	Nanocrystal taggants
US7914683 B1 20110329	US20090631394 20091204; US20070807803 20070530; US20030623227 20030718; US20010851025 20010508; US20000203370P 20000510	UNIV CENTRAL FLORIDA RES FOUND [US]	C02F1/42	Particles of spilled oil- absorbing carbon in contact with water
US7923527 B1 20110412	US20090579007 20091014	CHUNG SHAN INST OF SCIENCE [TW]	C08K5/09	CARBON NANOTUBE COMPOUND AND METHOD FOR PRODUCING THE SAME
US7935419 B1 20110503	US20090322813 20090206; US20080065077P 20080207	LOS ALAMOS NAT SECURITY LLC [US]	B32B5/16	Thick-shell nanocrystal quantum dots

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US7935481 B1 20110503	US20000626096 20000726; US19990145695P 19990726; US20000190259P 20000317	OSMETECH TECHNOLOGY INC [US]	C12Q1/68; G01N33/483; C12N15/09; G01N27/416; G01N33/53; G01N33/566; G01N33/58; G01N37/00	Sequence determination of nucleic acids using electronic detection
US7940557 B1 20110510	US20100974737 20101221; US20050285535 20051122	AGATE LOGIC INC [US]	G11C11/50	NON-VOLATILE ELECTROMECHANICAL CONFIGURATION BIT ARRAY
US7947952 B1 20110524	US20070728744 20070326; US20020093842 20020307; US20010287677P 20010430; US20010274501P 20010308	GEN NANOTECHNOLOGY LLC [US]	G01N23/00	Nanomachining method and apparatus
US7959690 B1 20110614	US20070788723 20070420; US20040846023 20040514	UNIV CENTRAL FLORIDA RES FOUND [US]	C10L1/12	Nanoparticles for soot reduction
US7959873 B1 20110614	US20060491394 20060720; US20050701714P 20050721; US20060781986P 20060314	CALIFORNIA INST OF TECHN [US]	G01N33/00	Biological detection based on differentially coupled nanomechanical systems using self-sensing cantilevers with attonewton force resolution
US7960235 B1 20110614	CN20091243780 20091224	INST OF MICROELECTRONICS CAS [CN]	H01L21/336	METHOD FOR MANUFACTURING A MOSFET WITH A SURROUNDING GATE OF BULK SI
USRE42249E E1 20110329	US20080217114 20080701; US20030338654 20030109; US20020073935 20020214; US20020347002P 20020111; US20010268365P 20010214	STC UNM [US]	B01D21/00; B01D11/00; B01D61/14	Nanostructured separation and analysis devices for biological membranes

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WO2011002844 A1 20110106	US20090270023P 20090701	UNIV BRIGHAM YOUNG [US]; LINFORD MATTHEW R [US]; DAVIS ROBERT C [US]; VANFLEET RICHARD [US]; JENSEN DAVID S [US]; YANG LI [US]	G01N30/92; B01J20/282	THIN LAYER CHROMATOGRAPHY PLATES AND RELATED METHODS
WO2011003634 A1 20110113	DE200910033267 20090708	SIEMENS AG [DE]; HAMMER THOMAS [DE]; HEINRICHS DORFF FRANK [DE]; KRUEGER URSUS [DE]; LUETHEN VOLKMAR [DE]; REZNIK DANIEL [DE]	C08K3/04; C08K3/38; C08K7/04; C08K7/24; C08L1/02; H01B3/52; H01B3/54	NANOCOMPOSITE COMPRISING BORON NITRIDE NANOTUBES
WO2011003635 A1 20110113	DE200910033268 20090708	SIEMENS AG [DE]; HAMMER THOMAS [DE]; HEINRICHS DORFF FRANK [DE]; KRUEGER URSUS [DE]; LUETHEN VOLKMAR [DE]; REZNIK DANIEL [DE]	C08K3/04; C08K3/38; C08K7/06; C08K7/24; C08L1/02; H01B3/52; H01B3/54	NANOCOMPOSITE COMPRISING SEMICONDUCTING NANOPARTICLES
WO2011004053 A1 20110113	ES20090030434 20090709	CONSEJO SUPERIOR INVESTIGACION [ES]; NAFFAKH CHERRADI-HADI MOHAMMED [ES]; GOMEZ RODRIGUEZ MARIA DE LOS ANGELES [ES]; JIMENEZ GUERRERO IGNACIO [ES]	C08L77/00; C08K3/30	NANOCOMPOSITE INORGANIC FULLERENE AND POLYAMIDE MATERIALS WITH ENHANCED THERMAL, TRIBOLOGICAL, AND MECHANICAL-DYNAMIC PROPERTIES, AND USE THEREOF AS COATINGS
WO2011004993 A1 20110113	US20090500904 20090710	UNIV KOREA RES & BUS FOUND [KR]	B82B3/00; B01J19/08	STRUCTURE FABRICATION USING NANOPARTICLES

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WO2011005693 A1 20110113	US20090259365P 20091109; US20100347995P 20100525; US20090241241P 20090910; US20090223338P 20090706; US20100310563P 20100304	ZEPTOR CORP [US]; BALU VENKATASUBRAMANI [US]; CONSORTE CHARLES D [US]; RINCON MICHELLE M [US]; SUZUKI TATSUNORI [US]	C02F1/461; C02F1/42	CARBON NANOTUBE COMPOSITE STRUCTURES AND METHODS OF MANUFACTURING THE SAME
WO2011008410 A2 20110120	US20090493285 20090629	3M INNOVATIVE PROPERTIES CO [US]; DAHN JEFFREY R [CA]	C22C1/05; H01M4/134; H01M4/1395	METHOD OF MAKING TIN- BASED ALLOYS FOR NEGATIVE ELECTRODE COMPOSITIONS
WO2011008511 A1 20110120	US20090221139P 20090629	DU PONT [US]; BARNEY NATHANIEL A [US]; MOLITOR MICHAEL JOSEPH [US]; WEINBERG MARK GARY [US]	C08J5/00; C08K3/34	PROCESS FOR THE PRODUCTION OF POLYESTER NANOCOMPOSITES AND SHAPED ARTICLES MADE THEREOF
WO2011009025 A1 20110120	US20090271109P 20090717; US20100835503 20100713	EXXONMOBIL RES & ENG CO [US]; HABEEB JACOB J [US]; BOGOVIC CALIANN N [US]	C10M145/22; C10M149/12	REDUCED FRICTION LUBRICATING OILS CONTAINING FUNCTIONALIZED CARBON NANOMATERIALS
WO2011009477 A1 20110127	WO2009EP05624 20090723	SIEMENS AG [DE]; FINDEISEN JOERG [DE]	H01B9/00; H01B7/42; H01B17/64	CABLE CONTAINING ORIENTED NANOPARTICLES
WO2011009550 A1 20110127	EP20090009473 20090722	BAYER MATERIALSCIENCE AG [DE]; VOGEL STEPHANIE [DE]; DERN GESA [DE]; FUSSANGEL CHRISTEL [DE]	C08J7/06; B05D7/02; C08K3/04	METHOD FOR THE INTRODUCTION OF CARBON PARTICLES INTO A POLYCARBONATE COATING



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WO2011009798 A1 20110127	EP20090166033 20090721	BASF SE [DE]; SCHMIDT CHRISTIAN [DE]; JAIN SACHIN [DE]; MUELLER MATTHIAS [DE]; CHAROENSIRISOMBOON PIYADA [DE]; WEBER MARTIN [DE]	C08K3/36; C08K9/06; C08L77/00	NANOCOMPOSITE BLEND BASED ON POLYAMIDES AND POLYARYLENE ETHER SULFONES
WO2011011899 A2 20110203	US20090229351P 20090729	UNIV CHILE [CL]	C01B33/14	HYBRID NANOPARTICLES WITH CONTROLLED MORPHOLOGY AND USE THEREOF IN NANOCOMPOSITES WITH THERMOPLASTIC POLYMER MATRIX
WO2011012227 A1 20110203	DE200910035673 20090730	LEIBNIZ INST NEUE MATERIALIEN [DE]; VEITH MICHAEL [DE]; OLIVEIRA PETER WILLIAM DE [DE]	C09C3/06; C09D5/29; C09D5/36	METHOD FOR PRODUCING THIN FILMS AND THE APPLICATION THEREOF
WO2011014195 A1 20110203	WO2009US52484 20090731	HEWLETT PACKARD DEVELOPMENT CO [US]; CHUN DORIS PIK-YIU [US]; NG HOU T [US]	C08F285/00; C08F2/22; C08F2/44; C08F257/02; C08F265/06	POLYMER ENCAPSULATION OF PARTICLES
WO2011014446 A1 20110203	US20090533695 20090731; US20090533704 20090731	NANTERO INC [US]; SEN RAHUL [US]; SIVARAJAN RAMESH [US]; RUECKES THOMAS [US]	G11C11/00; H01L21/20	ANISOTROPIC NANOTUBE FABRIC LAYERS AND FILMS AND METHODS OF FORMING SAME
WO2011015335 A1 20110210	DE200910036121 20090805	ETH ZUERICH [CH]; WINDHAB ERICH JOSEF [CH]; LIEBI MARIANNE [CH]; BECK PAUL [CH]	B01J13/00	PRODUCT ESSENTIALLY COMPRISING AMPHIPHILIC MOLECULES AND PRODUCT SYSTEM

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WO2011016038 A1 20110210	US20090231368P 20090805	TECHNION RES & DEV FOUNDATION [IL]; SEMIAT RAPHAEL [IL]; ZELMANOV GRIGORY [IL]	C02F1/28; B01J20/06; B01J20/08; B01J20/28; B01J20/32	METHOD FOR REMOVAL OF SELENIUM CONTAMINANTS FROM AQUEOUS FLUIDS
WO2011016274 A1 20110210	JP20090180267 20090803	NAT INST FOR MATERIALS SCIENCE [JP]; ICHINOSE IZUMI [JP]; PENG XINSHEN [JP]	B01D61/14; B01D69/00; B01D71/74	FILTER FOR SEPARATION OF ORGANIC HIGH- MOLECULAR SUBSTANCE AND METHOD FOR SEPARATING ORGANIC HIGH-MOLECULAR SUBSTANCE
WO2011017649 A2 20110210	US20090232265P 20090807	BAKER HUGHES INC [US]; DIGIOVANNI ANTHONY A [US]; SCOTT DANNY E [US]	E21B10/54; E21B10/42; E21B10/56	POLYCRYSTALLINE COMPACTS INCLUDING IN- SITU NUCLEATED GRAINS EARTH-BORING TOOLS INCLUDING SUCH COMPACTS, AND METHODS OF FORMING SUCH COMPACTS AND TOOLS
WO2011017660 A2 20110210	US20090232242P 20090807	NANOMIX INC [US]; JOSHI KANCHAN [US]; CHANG YING-LAN [US]; JOHNSON BRADLEY N [US]; RADTKEY RAY [US]	B82B3/00; C01B31/02; G01N27/30; G01N33/53	MAGNETIC CARBON NANOTUBE BASED BIODETECTION
WO2011018935 A1 20110217	JP20090187615 20090813; JP20090187616 20090813	JSR CORP [JP]; ANDOU MICHIAKI [JP]; SHINODA TOMOTAKA [JP]; AOKI OSAMU [JP]	C01B31/02; B82B1/00; C01B33/18	COMPOSITION AND FILM CONTAINING CARBON NANOTUBES

Número do Pedido	País e Nº da Prioridade	Nome(s) do(s) Depositantes	CIP	Título
WO2011019817 A2 20110217	US20090232991P 20090811	CORNELL RES FOUNDATION INC [US]; HERZ ERIK [US]; BURNS ANDREW [US]; WIESNER ULRICH B [US]; NOGINOV MIKHAIL A [US]; STOUT SAMANTHA [US]; BELGRAVE AKEISHA [US]; ZHU GUOHUA [US]; SHALAEV VLADIMIR M [US]	B82B3/00; B82B1/00	NANOPARTICLES AND METHODS OF GENERATING COHERENT EMISSION THEREFROM
WO2011019882 A1 20110217	US20090233263P 20090812	UNIV RICE WILLIAM M [US]; WILSON LON J [US]; PERALTA IVANA ROMINA GUADALUPE [US]	A01N33/02; C07C229/00	NANOSTRUCTURE-BETA- BLOCKER CONJUGATES
WO2011020035 A2 20110217	US20090234132P 20090814	UNIV NORTHWESTERN [US]; GREEN ALEXANDER A [US]; HERSAM MARK C [US]	B03D3/00	SORTING TWO- DIMENSIONAL NANOMATERIALS BY THICKNESS
WO2011021183 A2 20110224	US20090272105P 20090817	UNIV RAMOT [IL]; PATOLSKY FERNANDO [IL]; DUCOBNI TAMIR [IL]; PEVZNER ALEXANDER [IL]; ENGEL YONI [IL]; ELNATHAN ROEY [IL]; BEN- ISHAI MOSHIT [IL]	H01L29/06	ALIGNED NANOARRAY AND METHOD FOR FABRICATING THE SAME
WO2011022091 A1 20110224	US20090167215P 20090407; US20090167292P 20090407	CARBON NANOPROBES INC [US]; RUBY BRIAN [US]; BLACK CODY [US]	B82B1/00; C01B31/00	METHOD AND APPARATUS FOR DEPOSITING A METAL COATING UPON A NANOTUBE STRUCTURE

Número do Pedido	País e Nº da Prioridade	Nome(s) do(s) Depositantes	CIP	Título
WO2011022677 A1 20110224	US20090235921P 20090821	MASSACHUSETTS INST TECHNOLOGY [US]; STRANO MICHAEL S [US]; KIM JONG-HO [US]; ZHANG JINGQING [CN]; HELLER DANIEL A [US]	G01N21/64; G01N33/543	OPTICAL NANOSENSORS COMPRISING PHOTOLUMINESCENT NANOSTRUCTURES
WO2011023789 A2 20110303	DE200910039323 20090831	RECAN GMBH [DE]; VOROZHTSOV ALEXANDER [RU]; WELLER FRANZ XAVIER [DE]; KULKOV SERGEY [RU]; VOROZHTSOV SERGEY [RU]	C22C1/04	METALLIC MATERIAL, AND METHOD FOR THE PRODUCTION THEREOF
WO2011025522 A1 20110303	US20090236957P 20090826; US20100854359 20100811	MOLECULAR IMPRINTS INC [US]; UNIV TEXAS [US]	G03F7/00	FUNCTIONAL NANOPARTICLES
WO2011027184 A1 20110310	WO2009IB06466 20090804	UNIV REIMS CHAMPAGNE ARDENNE [FR]; MOLINARI MICHAEL [FR]; MALLET JEREMY [FR]; TROYON MICHEL [FR]; MARTINEAU FLORIE [FR]	C25D1/02; C25D1/10; C25D3/66; C25D9/08; D01F9/08	DEVICE FOR THE PRODUCTION OF Si NANOWIRES BY MEANS OF ELECTRODEPOSITION AT AMBIENT TEMPERATURE, METHOD FOR PREPARING SAME AND RESULTING NANOWIRES

Número do Pedido	País e Nº da Prioridade	Nome(s) do(s) Depositantes	CIP	Título
WO2011027342 A2 20110310	US20090272230P 20090903; US20100358973P 20100628	FULCRUM S P MATERIALS LTD [IL]; WOLF AMNON [IL]; LITVAK NIMROD [IL]; GRIMBERG ELENA [IL]; COHEN GALIT [IL]; HEYMAN ARNON [IL]; MEDALSY IZHAR [IL]; PORATH DANNY [IL]; SHOSEYOV ODED [IL]; EITAN ASA [IL]	C07K14/415	MULTI-SITE MODIFIED SP1 POLYPEPTIDES AND USES THEREOF
WO2011030313 A2 20110317	IN2009CH02206 20090911	INDIAN INST SCIENT [IN]; JAYARAMAN NARAYANASWAMY [IN]; JAYAMURUGAN GOVINDASAMY [IN]; RAJESH YAMAJALA BHASKARA RAMA DURGA [IN]; SURESH BAGUL RAHUL [IN]; SOOD AJAY KUMAR [IN]	G01N31/22; G01N33/52	A METHOD FOR DETECTING AN ANALYTE
WO2011030821 A1 20110317	JP20090209844 20090910	UNIV TOKYO [JP]; HITACHI CHEMICAL CO LTD [JP]; NODA SUGURU [JP]; KIM DONG YOUNG [JP]; OSAWA TOSHIO [JP]; SUGIME HISASHI [JP]; HASEGAWA KEI [JP]; HABA EISUKE [JP]	C01B31/02; B01J23/745; B01J37/08; C01B3/26	METHOD FOR SIMULTANEOUSLY PRODUCING CARBON NANOTUBES AND HYDROGEN, AND DEVICE FOR SIMULTANEOUSLY PRODUCING CARBON NANOTUBES AND HYDROGEN

Número do Pedido	País e Nº da Prioridade	Nome(s) do(s) Depositantes	CIP	Título
WO2011033040 A2 20110324	GB20090016202 20090916	CT FUER ANGEWANDTE NANOTECHNOLOGIE CAN GMBH [DE]; ALEKSANDROVIC VESNA [DE]; SCHLUNDT CHARIS RABEA [DE]; WERNER KATJA [DE]; WOOST MARIE [DE]	A01P1/00	ANTIBACTERIAL PARTICLES AND THEIR SYNTHESIS
WO2011033195 A1 20110324	FR20090004468 20090918	COMMISSARIAT ENERGIE ATOMIQUE [FR]; CARELLA ALEXANDRE [FR]; SIMONATO JEAN-PIERRE [FR]	G01N27/414; G01N27/12	APPARATUS AND METHOD FOR DETECTING AND/OR QUANTIFYING COMPOUNDS OF INTEREST PRESENT IN GASEOUS FORM OR DISSOLVED IN A SOLVENT
WO2011033377 A2 20110324	US20090243349P 20090917	VIVE NANO INC [CA]; LOUKINE NIKOLAI [CA]; DAS ANJAN [CA]; NORTON DANIELLE [CA]; ANDERSON DARREN J [CA]	B01J31/06	MULTIFUNCTIONAL NANOCOMPOSITES
WO2011034533 A1 20110324	WO2009US57327 20090917	HEWLETT PACKARD DEVELOPMENT CO [US]; KUO HUEI PEI [US]; WANG SHIH-YUAN [US]; HU MIN [US]; LI ZHIYONG [US]; BRATKOVSKI ALEXANDRE M [US]	G01J3/44	ELECTRICALLY DRIVEN DEVICES FOR SURFACE ENHANCED RAMAN SPECTROSCOPY

Número do Pedido	País e Nº da Prioridade	Nome(s) do(s) Depositantes	CIP	Título
WO2011034623 A2 20110324	US20090586386 20090921	ENZO BIOCHEM INC [US]; PANDE PRAVEEN [US]; COX HILARY [US]; XIANG YUEJUN [US]; PATTON WAYNE FORREST [US]	C09B23/14	FLUORESCENT DYES AND COMPOUNDS, METHODS AND KITS USEFUL FOR IDENTIFYING SPECIFIC ORGANELLES AND REGIONS IN CELLS OF INTEREST
WO2011034821 A1 20110324	US20090560083 20090915	ABS MATERIALS INC [US]	C02F1/28; B01J20/10	APPARATUS AND METHOD FOR REMOVING SMALL MOLECULE ORGANIC PHARMACEUTICALS FROM AQUEOUS SOLUTIONS
WO2011034824 A1 20110324	US20090560043 20090915	ABS MATERIALS INC [US]	C02F1/68; B01D15/00; B01D53/04; B01J20/26; B01J20/28; C02F1/28; C08G77/48	APPARATUS AND METHOD FOR REMEDIATION OF AQUEOUS SOLUTIONS
WO2011034825 A1 20110324	US20090560002 20090915	ABS MATERIALS INC [US]	C08G77/52; B01J20/18; B01J20/20; C02F1/28; C02F1/68; C02F1/70	SWELLABLE MATERIALS AND METHODS OF USE
WO2011038180 A1 20110331	US20100888891 20100923; US20090245776P 20090925	EATON CORP [US]	C08K3/34; C08J5/00	NANOCOMPOSITE COMPOSITION AND SYSTEM
WO2011038233 A1 20110331	US20090246018P 20090925	L LIVERMORE NAT SECURITY LLC [US]; FARMER JOSEPH C [US]	H01M10/39; H01M10/0525; H01M10/0562; H01M12/06	HIGH-PERFORMANCE RECHARGEABLE BATTERIES WITH FAST SOLID-STATE ION CONDUCTORS
WO2011038327 A1 20110331	US20090246251P 20090928	BIONANOMATRIX INC [US]; AUSTIN MICHAEL D [US]; DESHPANDE PARIKSHIT A [US]; SHARONOV ALEXEY [US]; BOGDANOV VALERIY [US]	C40B60/12; C40B30/04	NANOCHANNEL ARRAYS AND NEAR-FIELD ILLUMINATION DEVICES FOR POLYMER ANALYSIS AND RELATED METHODS

Número do Pedido	País e Nº da Prioridade	Nome(s) do(s) Depositantes	CIP	Título
WO2011041458 A1 20110407	US20090246953P 20090929	VARMA RAJENDER S [US]; BARUWATI BABITA [US]; HOAG GEORGE E [US]; COLLINS JOHN B [US]	C02F3/00	GREEN SYNTHESIS OF NANOMETALS USING FRUIT EXTRACTS AND USE THEREOF
WO2011041643 A2 20110407	US20090247819P 20091001	UNIV HOUSTON SYSTEM [US]; Khabashesku Valery [US]; KRISHNAMOORTI RAMANAN [US]; ERANEZHUTH BABURAJ [US]	C08L75/02; B82B3/00; C08J7/04; C08K3/00; C08K9/04	ORGANOCLAY-POLYUREA NANOCOMPOSITES
WO2011041762 A2 20110407	US20090248178P 20091002	UNIV SOUTH DAKOTA [US]; QIAO QIQUAN [US]; JOSHI PRAKASH [US]; FONG HAO [US]; GALIPEAU DAVID [US]; ZHANG LIFENG [US]	H01L31/042; H01L31/0224	SEMICONDUCTOR NANOPARTICLE/NANOFIBE R COMPOSITE ELECTRODES
WO2011046157 A1 20110421	JP20090238936 20091016	NEC CORP [JP]; YUGE RYOTA [JP]; YUDASAKA MASAKO [JP]	C01B31/02; B01J23/755; B82B1/00; B82B3/00; H01J1/304; H01J9/02; H01J63/06	NANOTUBE-NANOHORN COMPOSITE BODY AND METHOD FOR PRODUCING SAME
WO2011046602 A1 20110421	US20090278866P 20091013; US20100925047 20101013	NAT INST OF AEROSPACE ASSOCIATES [US]; NASA [US]; JEFFERSON SCIENCE ASS LLC [US]	H01L21/00	ENERGY CONVERSION MATERIALS FABRICATED WITH BORON NITRIDE NANOTUBES (BNNTS) AND BNNT POLYMER COMPOSITES



Número do Pedido	País e Nº da Prioridade	Nome(s) do(s) Depositantes	CIP	Título
WO2011046706 A1 20110421	US20090243607P 20090918; US20100355528P 20100616	HARVARD COLLEGE [US]; SLAVEN GARAJ [US]; BRANTON DANIEL [US]; GOLOVCHENKO JENE A [US]	G01N33/487; C12Q1/68; G01N27/447	BARE SINGLE-LAYER GRAPHENE MEMBRANE HAVING A NANOPORE ENABLING HIGH- SENSITIVITY MOLECULAR DETECTION AND ANALYSIS
WO2011047198 A1 20110421	US20090251634P 20091014	UNIV CALIFORNIA [US]; TANGIRALA RAVISUBHASH [US]; MILLIRON DELIA J [US]; LLODES ANNA [US]	B32B9/00	NANOCOMPOSITE AND METHOD OF MAKING THEREOF
WO2011047240 A1 20110421	US20090251770P 20091015; US20100296191P 20100119	UNIV ILLINOIS [US]; YU MIN- FENG [US]; CHO HAN NA [US]; MCFARLAND D MICHAEL [US]; BERGMAN LAWRENCE A [US]; VAKAKIS ALEXANDER [US]	G01N27/26	MECHANICAL NANORESONATOR FOR EXTREMELY BROADBAND RESONANCE
WO2011047386 A1 20110421	US20090252711P 20091018	UNIV CALIFORNIA [US]; XU TING [US]; ZHAO YUE [US]; THORKELSSON KARI [US]	C12Q1/68; G01N33/53; G01N33/543	DIRECT HIERARCHICAL ASSEMBLY OF NANOPARTICLES
WO2011047797 A1 20110428	DE200910050439 20091020	TREOFAN GERMANY GMBH & CO KG [DE]; BUSCH DETLEF [DE]; KLEIN DOMINIC [DE]; SCHMITZ BERTRAM [FR]	C08J5/18; B01D67/00; B01D71/16; B29C55/12; C07C51/41; C08J3/20; C08J3/205; C08J9/00; C08K5/098; H01M2/16	NANOSCALE ss- NUCLEATING AGENT FOR POLYPROPYLENE

Número do Pedido	País e Nº da Prioridade	Nome(s) do(s) Depositantes	CIP	Título
WO2011048247 A1 20110428	ES20090002009 20091019	UNIV SANTIAGO COMPOSTELA [ES]; COELHO COTON ALBERTO [ES]; SOTELO PEREZ EDDY [ES]; GUITIAN RIVERA FRANCISCO [ES]; GIL GONZALEZ ALVARO [ES]	B01J23/00; B01J21/06; B01J37/00; B82Y30/00	METHOD FOR OBTAINING HYBRID CATALYSTS COMPOSED OF TRANSITION-METAL COMPLEXES ENCAPSULATED IN POROUS SILICA, TITANIA OR ZIRCONIA NANOPARTICLES
WO2011048794 A2 20110428	JP20090244832 20091023	CANON KK [JP]; KAKEGAWA NORISHIGE [JP]	B82Y30/00; C01F7/02; C01F7/36; C01F7/44; C03C1/00; C03C17/34; G02B1/11	OPTICAL MEMBER AND METHOD FOR MAKING THE SAME
WO2011050272 A2 20110428	US20090279588P 20091023; US20100352654P 20100608; US20100367246P 20100723	UNIV BOSTON [US]; ALTUG HATICE [US]; YANIK AHMET ALI [US]; ERRAMILLI SHYAMSUNDER [US]; ADATO RONEN [US]; AKSU SERAP [US]; HUANG MIN [US]; ARTAR ALP [US]	G01J3/02; G01J3/44	NANOANTENNA ARRAYS FOR NANOSPECTROSCOPY, METHODS OF USE AND METHODS OF HIGH- THROUGHPUT NANOFABRICATION
WO2011050331 A2 20110428	US20090254585P 20091023; US20090254596P 20091023; US20090254599P 20091023; US20090254588P 20091023	NANTERO INC [US]; RUECKES THOMAS [US]; MANNING H MONTGOMERY [US]; SEN RAHUL [US]	B82Y10/00	METHOD FOR PASSIVATING A CARBONIC NANOLAYER

Número do Pedido	País e Nº da Prioridade	Nome(s) do(s) Depositantes	CIP	Título
WO2011050345 A1 20110428	US20090254205P 20091023	GONANO TECHNOLOGIES INC [US]; CORTI GIANCARLO [US]; CANTRELL TIMOTHY C [US]; BEAUX MILES F [US]; PRAKASH TEJASVI [US]; MCILROY DAVID N [US]; NORTON GRANT M [US]	B01J21/08; B01J21/06; B01J23/22; B01J23/28; B01J23/36; B01J23/38; B01J23/72; B01J23/745; B01J35/00; B01J35/02; B01J35/06; B01J37/34	CATALYST MATERIALS FOR REFORMING CARBON DIOXIDE AND RELATED DEVICES, SYSTEMS, AND METHODS
WO2011050359 A1 20110428	US20090254473P 20091023	MASSACHUSETTS INST TECHNOLOGY [US]; NELTNER BRIAN THOMAS [US]; BELCHER ANGELA [US]	B01J37/03; B01J35/00; B01J35/10; B01J37/36; C01B3/40	BIOTEMPLATED INORGANIC MATERIALS
WO2011054787 A1 20110512	EP20090175371 20091109	BASF SE [DE]; ZIEBA ROMAN [DE]; TRAUT ALEXANDER [DE]; SEEGER ALEXANDRA [DE]; ROEGER-GOEPFERT CORNELIA [DE]; SMARSLY BERND [DE]; BREZESINSKI TORSTEN [DE]; SALLARD SEBASTIEN [DE]; WEIDMANN CHRISTOPH [DE]; HAETGE JAN [DE]	C08J3/20; C08L87/00	PROCESS FOR PREPARING MESOPOROUS MATERIALS
WO2011057937 A2 20110519	EP20090176109 20091116	BASF SE [DE]; KOBAN WIELAND [DE]; PEUKERT WOLFGANG [DE]; KLUPP TAYLOR ROBIN [DE]; DISTASO MONICA [DE]; BAO HUIXIN [DE]; VASYLYEV SERHIY [DE]	B22F9/24; C08K3/36; C09C1/30; C23C18/16	METAL ISLAND COATINGS AND METHOD FOR SYNTHESIS

Número do Pedido	País e Nº da Prioridade	Nome(s) do(s) Depositantes	CIP	Título
WO2011058230 A1 20110519	FI20090006179 20091113; US20090260914P 20091113	VALTION TEKNILLINEN [FI]; ALLEN MARK [FI]; LEPPAENIEMI JAAKKO [FI]; MATTILA TOMI [FI]	B82Y30/00; C09D11/00; H05K3/12; H05K3/38; H05K13/00	METHOD AND PRODUCTS RELATED TO DEPOSITED PARTICLES
WO2011060050 A1 20110519	US20090260239P 20091111	BYK CHEMIE GMBH [DE]; MCMULLIN ROBERT [US]; LEWCHIK FRED [US]; LESTER TERRY [US]	C09D5/08; B82Y30/00; C09C1/00; C09C3/12; C09D7/12	COATING COMPOSITION
WO2011060774 A2 20110526	DE200910056583 20091123	FRAUNHOFER GES FORSCHUNG [DE]; UNIV DRESDEN TECH [DE]; ALTHUES HOLGER [DE]; KASKEL STEFAN [DE]; SCHRAGE CHRISTIAN [DE]; LIEBICH JENS [DE]; TROSCHKE ERIK [DE]	B32B27/18; B82Y30/00; C08K3/04; H01B1/24	ELEMENT WHICH IS ELECTRICALLY CONDUCTIVE ON AT LEAST ONE SURFACE AND COMPRISES CARBON NANOTUBES AND A POLYMER, AND METHOD FOR THE PRODUCTION THEREOF
WO2011060839 A1 20110526	WO2009EP08217 20091118; WO2009EP08218 20091118; WO2010EP00323 20100120; WO2010EP00622 20100202	BADA AG [DE]; BAYER MATERIALSCIENCE AG [DE]; BYK CHEMIE GMBH [DE]; COPERION GMBH [DE]; FRAUNHOFER GES FORSCHUNG [DE]; BACHER ALEXANDER [DE]; BERKEI MICHAEL [DE]; POTYRA EVA [DE]; DIEMERT JAN [DE]; WILLING NADINE [DE]; LUESSENHEIDE SUSANNE [DE]; METZGER JO	C08J3/205; C08K3/04; C08K7/24; H01B1/24	METHOD FOR PRODUCING COMPOSITE MATERIALS BASED ON POLYMERS AND CARBON NANOTUBES (CNTS), AND COMPOSITE MATERIALS PRODUCED IN THIS MANNER AND THE USE THEREOF

Número do Pedido	País e Nº da Prioridade	Nome(s) do(s) Depositantes	CIP	Título
WO2011062388 A1 20110526	US20090620761 20091118	UNIV KOREA RES & BUS FOUND [KR]	B82B3/00; B82Y30/00; B82Y40/00; C07C245/00	METHOD FOR SORTING CARBON NANOTUBES (CNTS) AND DEVICE FOR CNTS SORTING
WO2011063772 A1 20110603	CZ20090000797 20091127	TECHNICKA UNIVERZITA V LIBERCI [CZ]; ELMARCO S R O [CZ]; JIRSAK OLDRICH [CZ]; SANETRIK FILIP [CZ]; MARES LADISLAV [CZ]	D01D5/00; B65H51/26; B82Y30/00; D02G3/36; D02G3/38	LINEAR FIBRE FORMATION COMPRISING NANOFIBRES AND METHOD AND DEVICE FOR ITS PRODUCTION
WO2011064429 A1 20110603	ES20090031075 20091126	FUNDACION ITMA [ES]; TORRECILLAS SAN MILLAN RAMON [ES]; BORRELL TOMAS MARIA AMPARO [ES]; FERNANDEZ VALDES ADOLFO [ES]	C01B31/00; B82Y30/00	METHOD FOR OBTAINING MICRO-GRAINS OF CARBON NANOFILAMENTS AND USE THEREOF IN A PROCEDURE FOR MANUFACTURING COMPOSITE MATERIALS
WO2011064430 A2 20110603	ES20090002230 20091125	UNIV SANTIAGO COMPOSTELA [ES]; NANOGAP [ES]; LOPEZ QUINTELA MANUEL ARTURO [ES]	C09D1/02; B22F9/00; B82Y30/00	CONDUCTIVE INKS OBTAINED BY COMBINING AQCS AND METAL NANOPARTICLES
WO2011067452 A1 20110609	ES20090031113 20091204	CONSEJO SUPERIOR INVESTIGACION [ES]; UNIV AUTONOMA DE MADRID UAM [ES]; NAFFAKH CHERRADI-HADI MOHAMMED [ES]; GOMEZ RODRIGUEZ MARIA DE LOS ANGELES [ES]; LOPEZ FERNANDEZ VICENTE [ES]; ZAMORA ABANADES FELIX [ES]	C08K3/28; B29C70/26; B82Y30/00; C08L23/12	NANOCOMPOSITE MATERIALS OF POLYPROPYLENE AND CARBON NITRIDES, PROCEDURE FOR THE OBTAINMENT THEREOF AND APPLICATIONS

Número do Pedido	País e Nº da Prioridade	Nome(s) do(s) Depositantes	CIP	Título
WO2011070208 A1 20110616	ES20090031135 20091209	CONSEJO SUPERIOR INVESTIGACION [ES]; RUIZ HITZKY EDUARDO [ES]; MOREIRA MARTINS FERNANDES FRANCISCO MIGUEL [ES]	C01B31/00; B82Y30/00	USE OF FIBROUS CLAYS AS COADJUVANTS TO IMPROVE THE DISPERSION AND COLLOIDAL STABILITY OF FILAMENTOUS CARBON MATERIALS IN HYDROPHILIC MEDIA
WO2011070572 A2 20110616	IL20090202569 20091207	YISSUM RES DEV CO [IL]; WILLNER ITAMAR [IL]; TEL- VERED RAN [IL]; RISKIN MICHAEL [IL]	G01N33/22	METHOD AND DEVICE FOR DETECTION OF NITROAMINES
WO2011071746 A2 20110616	US20090265989P 20091202	UNIV NEW YORK STATE RES FOUND [US]; GOUMA PELAGIA IRENE [US]	G01N27/12	SELECTIVE CHEMOSENSORS BASED ON THE FERROELECTRIC MATERIALS, MIXED OXIDES, OR TEMPERATURE MODULATION OF OXIDE POLYMORPH STABILITY
WO2011073411 A1 20110623	GB20090022052 20091217	UNIV DUBLIN CITY [IE]; BROUGHAM DERMOT [IE]; MELEDANDRI CARLA [US]; STOLARCZYK JACEK [PL]; NINJBADGAR TSEDEV [IE]	A61K41/00; A61K49/18; B82Y5/00; B82Y40/00	NANOPARTICLE CLUSTERS FORMED FROM INDIVIDUAL NANOPARTICLES OF TWO OR MORE TYPES

Número do Pedido	País e Nº da Prioridade	Nome(s) do(s) Depositantes	CIP	Título
WO2011073483 A1 20110623	ES20090031176 20091216	CONSEJO SUPERIOR INVESTIGACION [ES]; INST TECNOLÓGICO DE MATERIALES DE ASTURIAS ITMA 50 [ES]; TORRECILLAS SAN MILLAN RAMON [ES]; GARCIA MORENO OLGA [ES]; BORRELL TOMAS MARIA AMPARO [ES]; FERNANDEZ VALDES ADOLFO [ES]	C04B35/19; B82Y30/00; C04B38/00	COMPOSITE MATERIAL OF ELECTROCONDUCTOR HAVING CONTROLLED COEFFICIENT OF THERMAL EXPANSION
WO2011074852 A1 20110623	US20090642556 20091218	UNIV KOREA RES & BUS FOUND [KR]	B82B3/00; B05D3/06; B05D5/00; B82Y40/00; C08F4/42; C08L53/00; H01B1/22	USE OF BLOCK COPOLYMERS FOR PREPARING CONDUCTIVE NANOSTRUCTURES
WO2011075228 A2 20110623	US20090653847 20091218	INTEL CORP [US]; SHAH UDAY [US]; CHU-KUNG BENJAMIN [US]; JIN BEEN-YIH [US]; PILLARISSETTY RAVI [US]; RADOSAVLJEVIC MARKO [US]; RACHMADY WILLY [US]	H01L29/78; H01L21/336	ISOLATION FOR NANOWIRE DEVICES
WO2011076203 A1 20110630	DE200910059276 20091222	RENT A SCIENTIST GMBH [DE]; NUSKO ROBERT [DE]; MAIER GEORG [DE]	A01N59/16; B82Y30/00; C09C1/30	FORMULATION COMPRISING METAL NANOPARTICLES
WO2011076357 A1 20110630	EP20090015850 20091222; US20100335620P 20100108	BASELL POLYOLEFINE GMBH [DE]; MUELLER GEORG [DE]; MUELHAUPT ROLF [DE]; KRISTEN MARC OLIVER [DE]	D01F9/10; B82Y40/00	PREPARATION OF METAL OXIDE NANOTUBES

Número do Pedido	País e Nº da Prioridade	Nome(s) do(s) Depositantes	CIP	Título
WO2011076979 A1 20110630	FI20090000495 20091222; FI20100000143 20100409; FI20100006077 20101018	MOILANEN PASI [FI]; VIRTANEN JORNA [US]	H01G9/042; B82Y30/00; B82Y40/00; H01G9/155	FABRICATION AND APPLICATION OF POLYMER-GRAPHITIC MATERIAL NANOCOMPOSITES AND HYBRIDE MATERIALS
WO2011078527 A1 20110630	US20090645219 20091222	UNIV KOREA RES & BUS FOUND [KR]	B82Y30/00; C01B31/00; C01B33/00	CARBON NANOTUBE- NANOFIBER COMPOSITE STRUCTURE
WO2011078639 A2 20110630	MX20090013701 20091215	CT DE INVESTIGACION EN MATERIALES AVANZADOS S C [MX]; ZARAGOZA CONTRERAS ERASTO ARMANDO [MX]; FLORES GALLARDO SERGIO GABRIEL [MX]; IBARRA GOMEZ RIGOBERTO [MX]; HERNANDEZ ESCOBAR CLAUDIA ALEJANDRA [MX]	C01B31/04; B82Y30/00	PRODUCTION OF GRAPHENE BY MEANS OF OXIDATION IN AN AQUEOUS PHASE
WO2011078780 A1 20110630	SE20090051018 20091222	QUNANO AB [SE]; SAMUELSON LARS [SE]; DEPPERT KNUT [SE]; OHLSSON JONAS [SE]; MAGNUSSON MARTIN [SE]	B82B3/00; H01L29/06	METHOD FOR MANUFACTURING A NANOWIRE STRUCTURE



Os Pedidos de patente relativos a nanomateriais<sup>6</sup>, publicados no mundo no 1º semestre de 2011, que não apresentam título e depositante foram listados separadamente na Tabela 3. Cabe ressaltar que esses documentos são complementares aos pedidos de patente listados na Tabela 2.

**Tabela 3: Pedidos de patente (que não apresentam título) relativos a nanomateriais publicados no mundo no 1º semestre de 2011**

Número do Pedido	País e Nº da Prioridade	CIP
CN102031490 A 20110427	CN20101613604 20101230	C23C14/35; B82Y30/00; B82Y40/00; C23C14/16; C23C14/58
CN102031514 A 20110427	CN20101558995 20101125	C23C24/10; B82Y30/00
CN102031410 A 20110427	CN20101541773 20101112	C22C9/00; B82Y30/00
CN102031443 A 20110427	CN20101541203 20101112	C22C33/04; B82Y30/00; C22C33/08
CN102031506 A 20110427	CN20101534489 20101108	C23C18/36; B82Y30/00; B82Y40/00
CN102031547 A 20110427	CN20101533254 20101105	C25D7/06; B82Y30/00; C25D15/00; C25D19/00
CN102020832 A 20110420	CN20101558939 20101125	C08L65/00; B82Y30/00; B82Y40/00; C08G61/12; C25B3/00
CN102020258 A 20110420	CN20101525988 20101026	C01B25/32; B82Y30/00; B82Y40/00; C01G49/08
CN102010000 A 20110413	CN20101517691 20101025	C01G23/047; B82Y30/00; B82Y40/00
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## ANEXO 1: CÓDIGOS DOS PRINCIPAIS PAÍSES

Código	País	Código	País
AR	Argentina	IN	Índia
AT	Áustria	IS	Islândia
AU	Austrália	IT	Itália
BE	Bélgica	JP	Japão
BG	Bulgária	KR	República Da Coreia
BR	Brasil	LU	Luxemburgo
BS	Bahamas	LV	Letônia
CA	Canadá	MA	Marrocos
CH	Suíça	MD	Republica Moldova
CN	China	MX	México
CY	Chipre	NL	Holanda
CZ	República Tcheca	NO	Noruega
DE	Alemanha	NZ	Nova Zelândia
DK	Dinamarca	OA	African Intellectual Property Organization (OAPI) <sup>1</sup>
DZ	Argélia	PH	Filipinas
EA	Organização de Patentes da Eurásia (EAPO) <sup>1</sup>	PL	Polônia
EE	Estônia	PT	Portugal
EG	Egito	RO	Romênia
EP	Organização Europeia de Patentes (EPO) <sup>1</sup>	RU	Federação Russa
ES	Espanha	SE	Suécia
FI	Finlândia	SG	Singapura
FR	França	SI	Eslovênia
GB	Reino Unido	SK	Eslováquia
GR	Grécia	TR	Turquia
HK	Região Administrativa Especial de Hong Kong Da República Popular da China	TW	Taiwan
HR	Croácia	UA	Ucrânia
HU	Hungria	US	Estados Unidos
ID	Indonésia	WO	Organização Mundial de Propriedade Intelectual (WIPO) <sup>2</sup>
IE	Irlanda	ZA	África do Sul
IL	Israel		

Fonte: <http://www.wipo.int/export/sites/www/scit/en/standards/pdf/030301.pdf>, acesso: janeiro 2012

<sup>1</sup> A OAPI é um organismo intergovernamental encarregado de emitir títulos de proteção dos direitos de propriedade industrial e de prestar serviços relacionados com a propriedade industrial para cada um dos Estados-Membros. Aplica uma legislação uniforme que tem lugar de lei nacional para cada um dos Estados-Membros: o Acordo de Bangui. Esses títulos de proteção têm efeito automático em cada um dos seguintes Estados-Membros: Benim, Burkina Faso, Camarões, África Central, Congo, Costa do Marfim, Gabão, Guiné, Guiné Bissau, Guiné Equatorial, Mali, Mauritânia, Nigéria, Senegal, Chade e Togo.

<sup>2</sup> O código "WO" é utilizado para a publicação internacional dos pedidos depositados via Tratado de Cooperação em Matéria de Patentes (PCT) em qualquer um dos países receptores destes pedidos.