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КИТАЙ

	<p>Китай В.з. № 1581538-А МПК H01M-004/04; H01M-004/62; H01M-004/66</p>	<p>Заявитель TCL JINNENG CELL CO LTD HUIZHOU З. № CN027359 Пр-т 21 мая 2004 Опубл. 16 февраля 2005</p>	1.	<p>MANUFACTURING SECONDARY METAL LITHIUM CELL CATHODE BY COATING METAL MESH WITH LITHIUM FOILS, ROLLING AND IMMERSING IN E.G. PERFLUOROPROPYLENE AND ALUMINA. The method includes steps: (1) plastering lithium foils onto two sides of metal mesh as framework; with PTFE films filled up at both sides, dual roller press rolls the lithium foils on metal mesh, or coating conducting resin to two sides of metal mesh, plastering lithium foils, and rolling the lithium foils on metal mesh by dual roller press in order to agglutinate them firmly; (2) immersing lithium foils and metal mesh into treating liquid including components: copolymer between PVDF and perfluoro propylene, silica in gas phase, alumina powder and tetrahydrofuran for treatment; (3) die cutting pole ears. ADVANTAGE - The metal mesh restricts growth of lithium crystal effectively so as to solve phenomena of piercing diaphragms by lithium crystal branches. The invention raises lifetime of duty cycle operation of battery greatly.</p>
	<p>КИТАЙ з. № 1431339-А МПК C23C-014/12; C23C-014/26</p>	<p>Заявитель UNIV JILIN з. № CN110977 пр-т 2003-01-28 опубл. 23 июля 2003</p>	2.	<p>CRUCIBLE TYPE EVAPORATOR SOURCE USED FOR FILM PLATING MACHINES IN ORGANIC ELECTROFLUORESCENCE TYPE. NOVELTY - A crucible-type evaporator for the machine used to plate electroluminescent organic film is composed of supporting base, temp- measuring thermocouple system, crucible, and heating furnace which consists of upper and lower No.95 ceramic rings, cylindrical quartz glass as internal shielding layer, cylindrical stainless steel as external shielding layer, and Mo wire embedded in the inner surfaces of two ceramic rings. Its advantages are long service life, good temp control, stable evaporating speed, and high thermal insulating performance.</p>
	<p>КИТАЙ з.№ 1468972 МПК C23C14/24 ; C23C14/12</p>	<p>Заявитель з. № CN20030126787 пр-т 2003-06-04 опуб 2004-01-21</p>	3.	Реферат недоступен
	<p>Китай З. № 1451782-А МПК C23C-018/32</p>	<p>Заявитель SHANGHAI INST CERAMIC CHEM & TECHNOLOGY З. № CN116650 Пр-т 25 апреля 2003 Опубл. 29 октября 2003</p>	4.	<p>NICKEL-PHOSPHORUS COMPOSITE COATING CONTAINING SILICON CARBIDE AND PTFE. NOVELTY - A composite NiP-base plated layer containing silicon carbide and PTFE is prepared by preparing basic solution for chemical plating from NiSO4.6H2O, NaH2PO4.H2O, CH3COONa.3H2O, lactic acid and Pb(NO3)2, adding PTFE emulsion, SiC powder and high-molecular surfactant, chemical plating in bath, and heat treating. The plated layer has excellent antiwear, anticorrosion and anti-adhering nature.</p>
	<p>Китай З. № 1628376-А МПК B05D-005/08;</p>	<p>Заявитель DU PONT DE NEMOURS & CO E I З. № CN829190</p>	5.	<p>FLUOROPOLYMER INTERLAYER DIELECTRIC BY CHEMICAL VAPOR DEPOSITION. A process is disclosed for forming a fluoropolymer layer a thin film device, comprising contacting said thin film device with a gas phase fluoromonomer, and initiating polymerization of said fluoromonomer with a free radical polymerization initiator whereby said fluoromonomer polymerizes to form said fluoropolymer layer on</p>

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	H01L-021/312	Пр-т 21 июня 2002 Опубли. 15 июня 2005		said thin film device.
	Китай з. № 1511646-А МПК B05C-003/02; B05C-011/04; B05D-001/18; B05D-003/02; B05D-007/02	Заявитель IND TECHNOLOGY INST з. № CN159705 Пр-т 30 декабря 2002 Опубли. 14 июля 2004	6.	METHOD FOR COATING FLUORINE HIGH MOLECULAR DISPERSION ON SUBSTRATE The process of coating fluoropolymer dispersion solution on substrate includes soaking the glass fiber cloth from a wound material feeding wheel with the dispersion solution inside one soaking tank; scraping with one pair of oppositely set rollers to scrap out excessive adsorbed dispersion solution; subsequent treatment in the drying region, heat treatment region and sintering region in the reaction tower; and final winding of the coated glass fiber cloth onto the winding wheel via the guide wheel. Some cooling liquid is introduced to the rollers to control the temperature of the rollers in 15-25 deg.c, and this makes no suspended matter from the dispersion solution attaches to the surface of the substrate, resulting in homogeneous coating.
	Тайвань з. № 514670-А МПК C23C-014/12	Заявитель HELIX TECHNOLOGY INC з. № TW20010127399 пр-т 05 ноября 2001 опубли. 21 декабря 2002	7.	INDUCTIVE EVAPORATION PROCESS INVOLVES MOUNTING A CONDUCTIVE WIRE OR A CONDUCTIVE TUBE ON THE SURROUNDING OF AN EVAPORATION SOURCE CARRIER. NOVELTY - An inductive evaporation process comprises: mounting a conductive wire or a conductive tube on the surrounding of an evaporation source carrier; and uniformly doping conductive particles or powders in the evaporation source powder on the evaporation source carrier. USE - Application of coatings by inductive evaporation of powders. DETAILED DESCRIPTION - The inductive effect between the conductive particles or powders and the conductive wire or conductive tube on the outside of the evaporation source carrier increases the temperature of the conductive particles or powders. After a rise in temperature, the conductive particles or powders perform heating of the surrounding evaporation source powder by heat conduction so that the evaporation source powder is evaporated by heating and is deposited on the object to be plated.
	Тайвань п. № 546394 МПК C23C14/12; H05B33/10	Заявитель NIPPON STEEL CHEMICAL CO (JP) з. № 20010131529 дата подачи 2001.12.19 опубли. 2003-08-11 Приоритетные данные JP20000390428 20001222 Аналоги WO02052903 (A1) JP2002190389 (A)	8.	A METHOD OF PRODUCING AN ORGANIC EL ELEMENT HAVING A GOOD ELEMENT PERFORMANCE by preventing the degeneration of an organic EL material when the organic EL material is vapor-deposited on a substrate, and a device using the method. A method of vapor-depositing an organic EL element which uses an organic EL element vapor-depositing device, in which the materials of organic-material-deposited components such as a chamber or a shutter (5), (6), in addition to a film forming substrate, consist of inactive ones that do not degenerate the organic material in an organic EL thin film depositing process that vaporizes the organic EL material in an evaporation source, and deposits it on a film forming substrate (4) to form a thin film
	КИТАЙ з. № 1421542-А МПК C23C-014/12; C23C-014/26	Заявитель UNIV ELECTRONIC SCI & TECHNOLOGY з. № CN129122 пр-т 2001-11-29 опубли. 04 января 2003	9.	ORGANIC MATERIAL EVAPORATING SOURCE NOVELTY - Heat evaporating source for vacuum evaporating to plate organic material film. The evaporating source is one metal container with heat conducting metal sheets or columns. Organic material is set inside the metal container and is heated homogeneously by means of the heat conductance of the container walls and metal sheets or columns. Gives stable evaporating rate, less film faults, no decomposition of organic material and no material powder spraying outside the evaporating source. The present invention is suitable for plating various organic material films in laboratory and in large-scale continuous production.

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	КИТАЙ п. № 1396301 МПК C23C14/12	Заявитель ALPS ELECTRIC CO LTD (JP) Пр-т JP опубл. 2003-02-12	10.	VACUUM STEAM COATING POLYMERIZATION DEVICE AND METHOD FOR FORMING ORGANIC ENVELOPE USING THE DEVICE
	КИТАЙ п. № 2587883U МПК C23C14/12 ; C23C14/24	Заявитель LAIBAO SCIENCE AND TECHNOLOGY (CN) опубл. 2003-11-26	11.	DEPOSITION EQUIPMENT FOR ORGANIC ILLUMINATION ASSEMBLY
	Китай з. № CN1421542 МПК C23C14/26; C23C14/12	Заявитель ELECTRONIC SCIENCE & TECHNOLOG (CN) з. № CN20010129122 пр-т 2001-11-29 опубл. 2003-06-04	12.	ORGANIC MATERIAL EVAPORATING SOURCE The present invention relates to heat evaporating source for vacuum evaporating to plate organic material film. The evaporating source is one metal container with heat conducting metal sheets or columns. Organic material is set inside the metal container and is heated homogeneously by means of the heat conductance of the container walls and metal sheets or columns. The present invention has stable evaporating rate, less film faults, no decomposition of organic material and no material powder spraying outside the evaporating source. The present invention is suitable for plating various organic material films in laboratory and in large-scale continuous production
	Тайвань з. № 534926 МПК C23C14/12	Заявитель MATSUSHITA ELECTRIC WORKS LTD (JP); KIDO JUNJI (JP) опубл. 2003-06-01	13.	APPARATUS FOR AND METHOD OF VACUUM VAPOR DEPOSITION AND ORGANIC ELECTROLUMINESCENT DEVICE
	Китай П. № 1086456-C МПК F16L-058/04	Заявитель GUO Y з. № CN122368 Пр-т 04 ноября 1999 Опубл. 19 июня 2002	14.	METAL TUBE WITH ANTI-CORROSION, ANTI-SCALE AND ANTI-WAX-PRECIPIATION COATING AND ITS PRODUCTION METHOD. - A metal pipe with an anti-corrosive, anti-scaling and anti-paraffin coating has an internal wall with at least one layer of protective coating layer formed of PTFE, (CF) _n and MoS ₂ particles. Its preparation method is a coating method or a chemical plating method. USE - For coating surface of straight pipe, angle pipe, shaped pipe and container or metal plate material etc. ADVANTAGE - The metal pipe with said coating layer possesses excellent anti-corrosive, anti-scaling and paraffin control property, its corrosion prevention can be up to above 10 levels, anti-scaling rate is up to above 90% and wax deposition prevention rate is up to 50%. Under the condition of -40-280 C. Can be used for a long period, does not flake, and possesses good ageing resistance and incompatibility.
	КИТАЙ з. № 1188690-A МПК B02C-019/00; B02C-019/18	Заявитель ZHONGZHENG ENTERPRISE CO LTD з. № CN102060 пр-т 1997-01-07 опубл. 29 июля 1998	15.	POWDER MANUFACTURE DEVICE AND METHOD OF LOW-TEMP. AIRFLOW CIRCULATING REFRIGERATION NOVELTY - A pulverizing apparatus using low-temp airflow to cyclically refrigerate is composed of circulation system with gas expansion refrigeration, low-temp airflow breaking system and material freezing system. Said circulation system with gas expansion refrigeration provides cold for material freezing system and the frozen material is pulverized by airflow breaking system. Its advantages include high utilization rate of energy, simple apparatus, low cost and free control of granularity. It is suitable for the materials difficult to break at ordinary temp, especially for the high-viscosity, high-elasticity polymers and elastomers

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	КИТАЙ в.з. № 1216297-А МПК С04В-035/622	Заявитель L I D з. № CN107180 пр-т 1997-11-03 опубл. 12 мая 1999	16.	PREPARATION OF NANOMETRE-LEVEL ACTIVE COMPOSITE POWDER - can be used as a medicine carrier Composite nanometer-level silico hydroxide powder is treated through the processes of high- speed stirring, vacuum treatment, sealing in inert gas, gamma-ray irradiation, high-speed stirring, ultrasonic vibration, coupling with polymer via initiating with coupling agent and forming to produce the product. The present invention may also use natural ore with nanometer size pore material. It can produce nanometer level active composite powder with clean surfaces, interfaces and pores, and the powder may be used as medicine carrier, stuffing of cosmetics, paint material, and material for deodorizing and disinfecting healthy clothing.
	КИТАЙ з.№ 2431289U МПК С23С14/12	Заявитель CHANGCHUN INFORMATION TECHNOLO (CN) з. № 2431289U опубл. 2001-05-23	17.	VACUUM MAGNETO-CONTROLLED SPUTTERING MACHINE FOR COATING FOAMED PLASTICS WITH NICKEL
	Тайвань з. № TW213872-А МПК B05С-001/00; B05D-001/02	Заявитель SHIH CHENG ENTERPRISE CO LTD з. № TW103479 Пр-т 04 августа 1993	18.	SURFACE WORKING PROCESS FOR HIGH-HARDNESS ADHERENCE-PROOF WORKPIECE - INVOLVES SHOT PEENING WITH SHOT OF SPECIFIED DIA., SPRAY COATING WITH ELECTRIC FUSION WIRE, HIGH PRESSURE SPRAYING OF PTFE POWDER AND SINTERING. Process involves shot peening the workpiece surface for cleaning and roughening proceeding spray coating electric fusion wire material process to evenly form coating, spraying TEFLON at high pressure onto the surface and sintering at a proper temp. to form at least one layer of TEFLON (RTM). The improvement is that the shot peening is effected using a centrifugal type shot peening machine with shot of 0.4-0.8 mm dia.
	Тайвань з. № TW213421-А МПК B05С-001/00; B05D-001/00	Заявитель SHIH CHENG ENTERPRISE CO LTD з. № TW103479 Пр-т 17 апреля 1993	19.	SURFACE TREATMENT METHOD FOR PROPERTIES OF HIGH HARDNESS AND ANTISTICKING - IN WHICH LAYERS OF ALUMINIUM OXIDE, ELECTRIC MELTING MATERIAL, AND TEFLON COATING ARE FORMED. Surface treatment method for properties of high hardness and antisticking comprises an Al oxide supply unit, an electric melting machine, a teflon (PTFE) supply unit, and work pieces. The first step according to the method is to sputter Al oxide over the surface of a workpiece under a high pressure so that the surface becomes clean and rough. Evenly electric melting of material is applied over the work piece to form a first layer of electric melting material coating and a layer of teflon (PTFE) is sputtered over the surface of the work piece with a high pressure and cured under a proper temp. so that at least one layer of teflon coating is formed on the surface of the work piece.