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500 Desalination Patents

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US2008169098

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Manufacture Of Membranes For Desalination And Filtration

US2008164202

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US2008164135

2008-07-10

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US2008156731

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US2008185346

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Method and an Apparatus for Production of Fresh Water and Removal of Carbon Dioxide from Exhaust Gases

US2008173588

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DESALINATION SYSTEM

US2008173590

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US2006231377

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Supercapacitor desalination devices and methods of making the same

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US2008099324
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Method for constructing a synthetic infiltration collection system
US2007108133
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Method for the concentration and purification of biological compounds
US2007111194
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US2007107884
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Method and apparatus for desalination
US2008067125
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US2007256430
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Intake for water desalination systems, and methods of use
US2007227962
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US2007193870
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US2007181473
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Method of transporting and storing wind generated energy using a pipeline
US2007182160
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Deionization and desalination using electrostatic ion pumping
US2007170060
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Chlorine resistant desalination membranes based on directly sulfonated poly(Arylene Ether Sulfone) copolymers
US2007163951
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Spiral wound module having axial dilution chamber flow
US2007163891
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Offshore Wastewater Treatment
US2008053907
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Hydrate-based desalination using compound permeable restraint panels and vaporization-based cooling

US2008053882
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HYDROELECTRIC POWER AND DESALINATION
US2008023963
2008-01-31

Continuous Closed-Circuit Desalination Apparatus Without Containers
US2008023410
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US2008083604
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US2006278079
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Mobile desalination plants and systems, and methods for producing desalinated water
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Method and apparatus for desalinating water combined with power generation
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US2007051611
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US2008017498
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US2008011681
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HEAT TRANSFER FOR OCEAN THERMAL ENERGY CONVERSION
US2007289303
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Submerged-type electrosorption-based water purification apparatus and method thereof
US2007284313
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Novel fuel production plant and seawater desalination system for use therein
US2007039324
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US2006278079
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Use of inert, Porous Materials in Order to Reduce the Salt Content in Aqueous Solutions, and Method and Device Therefor
US2007272627
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SEA WATER DESALINATION SYSTEM AND METHOD FOR PREPARING DRINKING WATER
WO2008095930
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DESALINATION METHOD AND DEVICE COMPRISING SUPERCAPACITOR ELECTRODES
WO2008094367

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EVAPORATOR, SEAWATER DESALINATION APPARATUS...

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MULTI-PHASE SELECTIVE MASS TRANSFER THROUGH A MEMBRANE

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**METHOD OF INHIBITING SCALE FORMATION AND DEPOSITION IN
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**SYSTEM FOR GENERATING ELECTRICAL POWER AND POTABLE WATER FROM
SEA WAVES**

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High current efficiency supercapacitor desalination devices and methods of making the same

US2008144256

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Hybrid process for saltwater desalination

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Energy Extraction Device in Reverse Osmosis Desalination with Integral Compression

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FUNCTIONAL WATER AND PROCESS FOR PRODUCING THE SAME

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**AN ELECTRIC DESALINATION METHOD AND A SPIRAL WINDING ELECTRIC
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PROCESS FOR PRODUCING FRESHWATER

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A WAVE ENERGY PROPULSION DEVICE

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THERMAL ENERGY STORAGE SYSTEM USING COMPRESSED AIR ENERGY AND/OR CHILLED WATER FROM DESALINATION PROCESSES

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A WATER QUALITY TREATING EQUIPMENT

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AN IMPROVED MEMBRANE WATER DESALINATION PROCESS

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UNIT FOR THE DESALINATION OF SEA WATER OR BRACKISH WATER

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**DESALINATION METHOD AND SYSTEM USING A CONTINUOUS HELICAL SLUSH
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DESALINATION OF SEA WATER BY NATURAL OSMOSIS

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**MULTI STAGE COLUMN DISTILLATION (MSCD) METHOD FOR OSMOTIC SOLUTE
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APPARATUS AND METHOD FOR TREATING INJECTION FLUID

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**A MODIFIED SOLVAY PROCESS, AND USES THEREOF FOR PROCESSING CO2-
CONTAINING GAS STREAMS AND FOR DESALINATION**

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METHOD FOR HANDLING SALINE WATER AND CARBON DIOXIDE

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**METHOD FOR CONSTRUCTING A SYNTHETIC INFILTRATION COLLECTION
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**PLANT FOR THE DESALINATION/PURIFICATION OF BRACKISH WATER AND
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**COMPOSITE MEMBRANE BASED ON SUPERFINE METAL-POWDER SINTER, ITS
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AN IMPROVED METHOD OF TRANSPORTING AND STORING WIND GENERATED ENERGY USING A PIPELINE

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Solid and liquid two-phase mixture of sea ice, preparation method thereof and sea ice solid-

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Device for electromagnetic desalination of sea water

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EP1829601

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**METHOD AND DEVICE FOR THE DESALINATION OF IN PARTICULAR SEAWATER
WITH THE AID OF ALTERNATING FIELDS OF IDENTICAL FREQUENCIES**

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Method of seawater desalination and the device for its implementation
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Device and continuous electrochemical desalination with an integrated membrane stage
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**DEVICE FOR THE SEPARATION OF ANIONS AND CATIONS FROM A SALINE FLUID
AND DEVICE FOR DESALINATION**
EP1694603
2006-08-30

Portable water treatment plant
EP1710210
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**EVAPORATION CHAMBER USED FOR SINGLE STAGE FLUSH EVAPORATION
METHOD, SEAWATER DESALINATION APPARATUS BY MECHANICAL VAPOR
COMPRESSION METHOD**
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Method and installation for the desalination of sea water by condensing air moisture
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EP1798202
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Method and installation for the desalination of sea water by condensing air moisture
EP1801075
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GERMANY

Seawater desalination plant comprises mechanical flow compressor made of radial carbon-fiber-reinforced wheel, a wheel-attachment and housing comprising wheels
DE102006056820
2007-09-13

Device for the sea water desalination by solar energy comprises solar absorber, distillation device container, inlet, outlet, condenser for condensation of water vapor resulting during the distillation, heating device, and heat exchanger
DE102006010894

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Water desalination plant for the production of fresh water from seawater...

DE102006018127

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Drinking water production by desalination of seawater using solar radiation...

DE102006040440

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Modular water supply and effluent water treatment system for remote settlement has powered by pressure equalization

DE102006032651

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Device for desalination of seawater as electrolyte...

DE102006033538

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AUSTRALIA

Wind energy installation comprising a seawater or brackish water desalination plant

AU2002240799B

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Improved desalination of ocean water

AU2001249750B

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Improved efficiency water desalination/purification

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Improved hydrate desalination for water purification

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Process for desalination of seawater

AU2001213118B

2005-12-08

Combination of a desalination plant and a salinity gradient power reverse electro dialysis plant

AU2006272376

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Desalination system powered by renewable energy source and methods related thereto

AU2006276948

2007-02-15

Method and device for desalting water

AU2001283947B

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System and method for desalination

AU2008200039

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AU2007231797

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Desalination of salt water production of sustainable electricity without ignition of fossil fuel

AU2005203375

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Improved method for desalination

AU2006251862

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CHINA

Low temperature multistage high efficiency wind power generation seawater desalination method and its device

CN100999340

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Comprehensive utilization high advantage zero discharge seawater desalination production technology

CN100999364

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Solar energy seawater desalination machine set

CN100999341

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Double-dial coupled type pressure exchanger for sea water or brine reverse osmosis desalination system

CN1994905

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Portable hand-pressurized heat pump sea water desalination barrel

CN1994901

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Sea water nanofiltration desalination method and device

CN1994904

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Sea water desalination processor

CN201046916Y

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System and method for planning the operation of, monitoring processes in, simulating, and optimizing a combined power generation and water desalination plant

CN101163642

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Waving piston transducing device and method

CN101162009

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Sea water desalination ring-type wave node pipe falling-film evaporator

CN201040728Y

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Manufacture of membranes for desalination and filtration

CN101151089

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Counter current type electricity desalination equipment

CN201037122Y

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Circulation extraction, zero discharging, comprehensive utilization, energy-saving and low-cost sea water desalination method

CN101143754

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Structure and methods using multi-systems for electricity generation and water desalination

CN1997859

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Super conducting energy saving desalination drinking water making system of ocean ship

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Desalination treatment system for fully utilizing natural resources

CN1948170

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Method for auxiliary desalting using ultrasonic wave before seawater vegetable fresh-keeping or dewatering

CN1934964

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Aromatic polyamide reverse osmose composite membrane

CN1935338

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Portable manual desalination equipment of sea water

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Air conditioner refrigerating and sea water desalting integral device and using method thereof

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Agricultural saline water desalination device

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Integral solar energy sea water desalination production apparatus
CN101117246
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Ship-type sea water desalination integral machine
CN101100324
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Low-position heat energy spray evaporation-multiple-effect distillation seawater desalination method and device
CN101113030
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Medium superconductive type sea-water desalination apparatus
CN201012906Y
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Method for modifying compound film surface
CN101112675
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Technique for producing refined salt from salt production waste liquid
CN101104532
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New type equipment and method for sea water desalination
CN101092252
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Method and device of desalination process by reverse osmosis for water
CN101092257
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Portable manual desalination equipment of sea water
CN101104527
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CN101107051
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A multi-effect distilling method for desalt and condensation and device
CN1864783

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**Natural enhancement type seawater desalting well
CN1865164**

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**Sea water desalination device comprising fabric
CN2837292Y**

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**Combined production process technology for low-cost zero-emission sea water desalination
comprehensive utilization**

CN1850645

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**Polymer material small-sized humidifying-dehumidifying desalination apparatus and
manufacturing method**

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Sea water desalting method

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**Six-column differential-pressure distillation device for extra edible alcohol and process
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Seawater desalination technology

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Ship vortex seawater desalination system

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**First-stage reverse-osmosis subsequent chemical-desalination optimized pure water
production device**

CN2851250Y

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Material for seawater desalination plant

CN1896007

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**Energy conversion and converter, generation and generator, seawater desalination and
desalinators**

CN1897168

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Low-cost zero-discharge seawater desalination combined production process technology

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Sea water desalination later purification filtering method

CN101062804

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Air conditioning and sea water desalination integration device
CN200982720Y
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Ceramic-diaphragm sewerage pretreating method
CN101070212
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Rotating pressure converter for sea water or bitter-salt-water reverse osmosis desalination system
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Solar energy sea water desalination glasshouse
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Later stage purification integral process technology of seawater desalination
CN101045566
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Method of ion exchange at later stage of seawater desalination
CN101045565
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Salt production equipment during desalination of sea water
CN200940092Y
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Microwave and seepage-resisting sea-water desalting process and apparatus
CN101024531
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Method of preparing high-purity medical xanthonic acid
CN101033231
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Film-shell type multiple-effect film-reducing distillation sea-water desalinating device
CN101012071
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Method for desalting seawater by using residual heat of tail gas from exhaust pipe of engine
CN101003395
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Process for preparing high-purity thrombase in my patents list
CN1844380
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Multifunctional solar-energy seawater-desalinating and power-generating installation
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Method for manufacturing high-flux reverse osmosis membrane element

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Desalination method for naturally freezing seawater at freezing point

CN1843949

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Apparatus and method for sprinkling and desalting sea ice

CN1843943

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Method and apparatus for seawater desalination, sewage purification and power supply

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Desalination technology for regenerating earth freshwater resource and balancing earth freshwater circulation artificially

CN1843942

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Low-temperature multi-effect seawater desalination process

CN1837075

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An electric desalination method and structure of a spiral winding electric desalination device

CN1839102

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Research for comprehensive utilization of seawater and brine comprising sea water desalination and soda preparation by saturated Brine

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Electromagnetic desalination process of seawater and desalination cell

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Method and device of ice making and sea water desalination and power generating method and device

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