

A valve is installed on a pipe opening. In this way, water pressure exerted on the outer wall of the flexible wall container is equivalent to liquid storage pressure exerted on the inner wall of the flexible wall ...

Container tank having solar power generating device The present invention relates to a container ship having a photovoltaic device, and more particularly, by installing a solar panel on the top of the ...

An underwater energy storage system includes a tank for storing a compressed gas that is adapted to be stored underwater. The tank includes at least one water opening through which water from ...

Hacon Solar: de slimste plug & play container die ooit is gemaakt. Waar je ook bent, Hacon Solar voorziet jouw project van schone en betrouwbare energie.

Underwater energy storage system according to claim 16, where the container is sealed, and gas in the void container volume is evacuated to a pressure below 200 millibar with water either...

An underwater energy storage system comprising a container where energy is stored by transporting water between the container and a body of water, is disclosed. 5 The container ...

An underwater energy storage system comprising a container where energy is stored by transporting water between the container and a body of water, is disclosed. 5 The container comprises a water- ...

The underwater energy storage system according to claim 9, wherein the system comprises at least two containers with stiff frames, and the at least two containers are arranged in ...

The present disclosure describes a solar energy storage system. A storage container is provided, comprising a base having a compartment defined by a planar exterior surface and a planar interior ...

As water is removed from the container, atmospheric air is sucked into the opening (10) of the venting tube and the air pressure inside the container remains close to that of the atmosphere above the ...

Therefore, the present invention is directed to provide a system and method for establishing energy-optimized UAV-assisted underwater wireless sensor network (FIG. 1) to collect ...

The present invention relates generally to an environmentally friendly refrigeration unit and more particularly solar-powered refrigeration container that allows stored foods, beverages and other ...



# Underwater solar container system patent

[0006] It is an object of the present invention to provide at least an alternative underwater energy storage system, which provides improvements over known underwater energy ...

A foldable aquaponics, and greenhouse container system and method, includes an insulated shipping container having foldable insulated roof panel disposed thereover; a foldable glazing on a sun facing ...

At least one front solar panel assembly is hinged to the top bracket, wherein the at least one front solar panel assembly is pivotable between a stored position proximate to and substantially parallel to the ...

The underwater energy storage system comprises a hollow shaft, a generator, a motor and a mass attached to the motor. The hollow shaft is supported on a foundation located ...

What is LZY"s mobile solar container? This is the product of combining collapsible solar panels with a reinforced shipping container to provide a mobile solar power ...

The chain is connected around two gears. An air producing apparatus produces bubbles that are trapped under the containers, thereby forcing the container towards the surface of the water. The ...

Water-based PV (WPV) system includes floating PV in lakes or ponds (shallow water), underwater PV, offshore PV (deep water) and canal top PV. Installation of WPV systems saves ...

In principle, underwater solar-energy generation can complement the use of batteries and provide a solution, although dedicated research is needed since traditional silicon solar cells do ...

Lightweight And Collapsible Or Foldable Patents (Class 136/245) Solar axis tracking system for portable container unit with retractable photovoltaic solar panels Patent number: 12316270

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...  
...

Limited attention has been devoted to the harvesting of underwater solar energy for underwater or near-water energy use scenarios. This paper proposes an underwater linear-focusing ...

A system for communicating between a source of standard gaseous material (SGM) in a liquid state substantially free of SGM in a gaseous state, and a tank designed to contain SGM in gas and liquid ...

The system and method of retractable solar arrays for underwater vehicles. In some cases, the retractable solar arrays for underwater vehicles contain anti-biofouling mechanisms. The retractable ...

Thus, although Si solar cells are a mature solar technology and well-tuned for terrestrial applications, they are

far from ideal for powering underwater systems due to the narrow bandgap of Si.

This suggests that the development of underwater solar energy utilization systems is theoretically feasible. Additionally, underwater solar systems offer the advantage of mitigating wave ...

the present disclosure relates to thermal energy storage and utilization systems. More particularly, the present disclosure relates to an energy storage system that stores electrical energy in form of thermal ...

As further indicated in FIG. 1, and discussed in more detail below in connection with FIGS. 2 and 3, the datacenter 100 may operate in connection with a cooling system 200. In general, the cooling system ...

Would you like to generate clean electricity flexibly and efficiently and earn money at the same time? With Solarfold, you produce energy where it is needed and ...

Definitions the present invention relates to the field of solar power generation substrates and systems, and more specifically relates to a solar panel protective container apparatus and system configured to ...

This system is realized through the unique combination of innovative and advanced container technology. Our pioneering and environmentally friendly solar systems: ...

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