

Patent protection for underwater solar container system





Overview

US20140183869 - Method and apparatus for using wind energy or solar energy for an underwater and/or for an under seabed compressed air energy storage system. 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 protect solar panels from damage caused by storms exhibiting high winds and airborne debris. Further. 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 surface and a battery stored in the compartment of the base. A plurality of solar panels are operably connected to a motor (2) and a mass (3) attached to the motor (2). The invention further relates to a wind farm (30) comprising the underwater energy storage system. The status is an assumption and is not a legal conclusion. Google has not performed a legal analysis and makes no representation as to the accuracy of the information. US20140183869 - Method and apparatus for using wind energy or solar energy for an underwater and/or for an under seabed compressed air energy storage system The invention uses wind turbine and/or solar energy to enhance the efficiency of an underwater and/or underwater in-soil bed of a compressed air energy storage system. Description Technical Field of the Invention [0001] The present invention generally relates to underwater energy storage. More specifically it relates to an underwater energy storage system comprising a container where energy is stored by transporting water between the container and a body of water. The invention discloses a solar container system which comprises a highly-efficient photovoltaic assembly, a storage battery, a solar hot-water supply and power generation system, an inverter, a combiner box, a photovoltaic control optimizer, a seawater desalination system, a freshwater.



Patent protection for underwater solar container system



U.S. Patent Application for Solar Powered Refrigerated Container Patent

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 ...

US Patent Application for SOLAR ENERGY CONTAINER SYSTEM ...

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 ...



WO2019182458A1

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- ...

US Patent Application for SOLAR ENERGY INTERMODAL ...

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 ...



U.S. Patent for Underwater energy storage system Patent (Patent

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 ...



KR102331609B1

The underwater photovoltaic power generation system for a roof according to the present invention, in the underwater photovoltaic power generation system for a roof installed on the roof of a building, ...



Underwater energy storage system and power station powered therewith

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 ...





US8353167B2

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 ...



US20250070710A1

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 protect ...

KR102772852B1

The present invention relates to an eco-friendly solar container system that can be installed without a separate permit in a container space to which an independent solar power generation system is ...



KR20120014820A

The present invention relates to a container ship having a photovoltaic device, and more particularly to a container ship having a photovoltaic device that can reduce the cost per unit power by producing ...



SOLAR PANEL PROTECTIVE CONTAINER APPARATUS AND SYSTEM

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 protect ...



Solar Energy Type Patents (Class 136/206)

An anchoring system maintains positional stability using concrete blocks interconnected by plastic-coated stainless-steel wires. A bi-facial solar photovoltaic panel is supported by the cross ...

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Solar-powered refrigerated container

[0065] As stated above, the solar-powered container 10 of the present invention is not only powered by the solar energy gathered by the solar collector 26, but it also has an internal ...



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