

# Underwater solar container system patent

CE UN38.3 MSDS





## Overview

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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. Search specific patents by importing a CSV or list of patent publication or application numbers. CA WO WO 2467287 A1 2015053615 A1 2016128962 A1 11/2005 4/2015 8/2016 ( 21 ) Appl. 5 The container comprises a water- and gas-tight membrane surrounding a container volume, where the container is rendered mainly. 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.



## Underwater solar container system patent

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### 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, ...

### Passive solar identification system for underwater lift bags and flags

The invention is a system that enables passive sonar identification of underwater items by making use of lift bags and/or flags, having distinctive sequences of bands of sonar-signal-reflecting materials, ...



### Underwater energy storage system and power station powered therewith

According to some embodiments of the present invention, the underwater energy storage system is an adiabatic storage system including features for storing heat produced during compression of the air ...



### US Patent for Passive solar identification system for underwater lift

The invention is a system that enables passive sonar identification of underwater items by

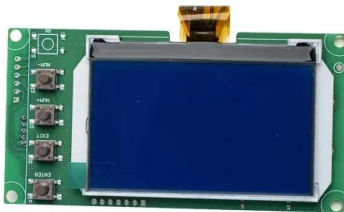


making use of lift bags and/or flags, having distinctive sequences of bands of sonar-signal-reflecting materials, ...



### U.S. Patent for Underwater compressed fluid energy storage system

A compressed fluid storage system includes a bi-directional compressor/expander (C/E) unit constructed to compress fluid during a first operational mode and allow expansion of fluid in a ...



### 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 ...



### GRADE A BATTERY

LiFepo4 battery will not burn when overchargedover discharged, overcurrent or short circuitand canwithstand high temperatures without decomposition.



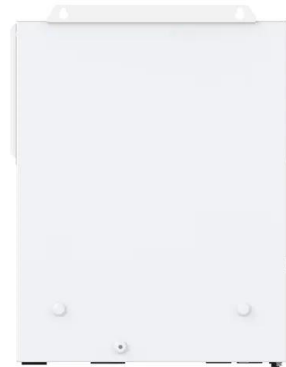
### U.S. Patent for Underwater energy storage using compressed fluid Patent

A compressed fluid energy storage system includes a submersible fluid containment subsystem charged with a compressed working fluid and submerged and ballasted in a body of ...



### A dive into underwater solar cells

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 ...



### 20140183869 Method and apparatus for using wind energy or solar ...

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.

### U.S. Patent for System for underwater compressed fluid energy storage

A system and method for underwater compressed fluid energy storage include a compressed fluid storage system that comprises a fluid containment vessel positioned on a floor of a body of water, ...



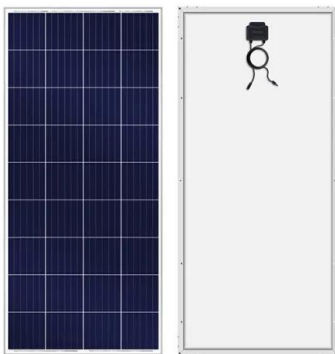
### US20250070710A1

The system is sufficiently large to cover parking lots and other large ground surface structures and offers double the conventional solar exposure surface area per supporting post. The apparatus generates ...



## FR3111017A1

On land, also with this liquid cooling system, since this has two functions associated, one capacitive to electrical energy, the other cooling on the said underwater solar panel. The latter having an ...



## Solar Still Patents (Class 203/DIG1)

Abstract: A solar still of the type having a container for holding a supply of liquid to be evaporated and an inclined solar transmissive cover mounted in an inclined position thereon, is ...

## Amazon dreams of underwater warehouses

The underwater warehouse concept is meant to address a shortcoming of current fulfillment centers -- they are inefficient uses of space, as Amazon explained in the patent.



## A dive into underwater solar cells

In this Perspective we present examples of solar-powered underwater applications and discuss which types of solar-harvesting materials could be appropriate, including GaInP variants, ...



### 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 ...



### US20170074475A1

The invention comprises a submersible solar lighting source, which incorporates photovoltaic panels, batteries, a lighting system and control in one and the same sealed, thin planar unit that allows ...

### 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 ...



### US20210072363A1

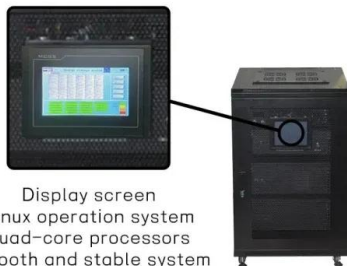
The invention is a system that enables passive sonar identification of underwater items by making use of lift bags and/or flags, having distinctive sequences of bands of sonar-signal-reflecting materials, ...





## Stanford designs underwater solar cells that turn captured greenhouse

Such solar cells would be part of a larger system to fight climate change. The vision is to funnel greenhouse gases from smokestacks or the atmosphere into giant, transparent chemical tanks.



Display screen  
Linux operation system  
quad-core processors  
smooth and stable system

## 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 ...

## 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 ...



## 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 ...



## United States Patent

Furthermore, in the present document an underwater working liquid itself is involved in storing and retrieving energy storage system is sometimes abbreviated as " UW - ES potential energy . Said ...



## U.S. Patent for Solar power system for marine dock Patent (Patent

5. The solar power system 100 according to various embodiments includes various contemplated methods and manners of use. In at least one embodiment, the solar power system in installed in a ...

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