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Title: Underwater electrochemical energy storage system patent

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Description [0001] The invention relates to a power take-off and storage system comprising: - a power take-off system; and -an underwater energy storage system for storing en-ergy beneath the surface ...

storing and retrieving potential energy, the present UW - ES allows to provide a compact wind turbine system combined system is able to take advantage of the hydrostatic pressure, 65 with an ...

[0098]The present invention, in some embodiments thereof, relates to underwater energy storage and, more particularly, but not exclusively, to underwater energy storage of compressed air.

Pumped hydroelectric energy storage is well known and widely implemented in many countries in the world. Briefly, the concept is to store mechanical potential energy by pumping water from a...

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...

The present invention, in some embodiments thereof, relates to underwater energy storage and, more particularly, but not exclusively, to underwater energy storage of compressed air.

[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 storage systems.

The underwater energy storage system according to claim 14, wherein the system further comprises a valve controlling flow of water between the lower part of the void container volume and ...

# Underwater electrochemical energy storage system patent

The invention provides an underwater energy storage system (UW-ES system) comprising a reservoir structure (5), which is resting at the bottom (4) of a waterbody (1), such as a sea, an ocean, a ...

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