Japanese hydrogen solar container patent

More than a thousand patents during the past twenty years on green hydrogen technology were directly collected from the Worldwide Intellectual Property Service (WIPS) website ...

Instead of fossil fuels, power for the ship would come from solar energy and hydrogen produced from renewable energy sources, all of which would lead to a reduction of CO2 by 100 percent, thereby ...

Abstract Concerning a hydrogen storage container using metal hydride, there is a certain danger that its capability of heat storage and heat derivation or its capability of hydrogen storage would decline due ...

The inventors therefore realized that by using a bag-shaped module made of a polymer film as a container for storing fluids in a water decomposition device for generating hydrogen, instead of...

Another clean pathway for hydrogen fuel production is electrolysis powered by wind, solar, or nuclear energy. In Ishikari Bay on Japan"s northern main island of Hokkaido, Green Power Investment is ...

By Naoko Tochibayashi, Communications Lead, World Economic Forum and Naoko Kutty, Writer, Forum Agenda Japan is a global leader in hydrogen technology development, largely ...

Using the Derwent World Patents Index (DWPI), the study includes bibliometric analysis, technology evaluation, and technology updates in the field of hydrogen production. The review ...

Japanese enterprises hold the majority of HST patent families, especially in hydrogen fuel cells, frequently involving high-pressure or liquid hydrogen tanks and hydrogen storage alloys.

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 ...

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