

European Solar Energy Storage

Japanese patent for hydrogen energy storage technology



Overview

Hazer Group Ltd awarded a significant patent by the Japanese Patent Office for its hydrogen and graphitic carbon production process using iron ore as a catalyst. The patent enhances Hazer's intellectual property portfolio, which now includes over 70 patents globally.

Hazer Group Ltd awarded a significant patent by the Japanese Patent Office for its hydrogen and graphitic carbon production process using iron ore as a catalyst. The patent enhances Hazer's intellectual property portfolio, which now includes over 70 patents globally.

This patent reinforces the company's distinct process of creating hydrogen and graphitic carbon from hydrocarbons while employing iron ore as a catalyst. The development not only fortifies Hazer's intellectual property (IP) portfolio but positions the company strategically in Japan—an essential.

Europe and Japan have the most patent filings for hydrogen. Europe and Japan are leading the world in terms of patent filings related to hydrogen, according to a new report. Technologies related to producing hydrogen accounted for the largest number of hydrogen patents in 2011-2020. The automotive.

Innovation in hydrogen is shifting towards low-emission solutions, with Europe and Japan in the lead and the United States losing ground, according to a new joint study of hydrogen technology patents by the European Patent Office (EPO) and the International Energy Agency (IEA). The report uses.

Hazer Group has secured a key Japanese patent for its technology producing hydrogen and graphitic carbon from hydrocarbons, advancing its global push to commercialise the low-emissions process. Already have an account?

Sign in here Energy News Bulletin (ENB) is the Asia Pacific region's most.

This study is a review of hydrogen station patents using the Derwent Innovation system and also a secondary screening. This was undertaken by the researchers to better understand and identify hydrogen station trends. The review focuses on analyzing the developing trends of patent technologies.

Hazer Group has obtained a significant patent in Japan for its innovative technology that produces hydrogen and graphitic carbon from hydrocarbons. Hazer's technology is significant because it addresses the pressing need for low-emissions processes in energy production. By securing this patent, the.

Japanese patent for hydrogen energy storage technology



Hydrogen patent filings: Europe and Japan lead on innovation

Europe and Japan are leading the world in hydrogen patent filings, says a new report from the International Energy Agency and European Patents Office.

Patent filings for hydrogen production and storage reach record high

Patent applications for green hydrogen innovations have seen an unprecedented rise in the five years to 2021, reflecting the need for energy suppliers to produce more green hydrogen to support the transition to net zero by 2050.



Hazer achieves Japanese patent for hydrogen technology

Hazer Group has secured a key Japanese patent for its technology producing hydrogen and graphitic carbon from hydrocarbons, advancing its global push to commercialise the low-emissions process.

Hydrogen patents shift towards clean technologies ...

The report uses global patent data to provide a comprehensive, up-to-date analysis of innovation in hydrogen technologies. It is the first study of its kind and covers the full range of technologies, from hydrogen supply to storage, ...



Hydrogen patents shift towards clean technologies with Europe and Japan

The report uses global patent data to provide a comprehensive, up-to-date analysis of innovation in hydrogen technologies. It is the first study of its kind and covers the full range of technologies, from hydrogen supply to storage, distribution and transformation, as well as end-use applications.

Hydrogen patent filings: Europe and Japan lead on ...

Europe and Japan are leading the world in hydrogen patent filings, says a new report from the International Energy Agency and European ...



[Hazer Secures Japanese Patent](#)

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Hydrogen station technology development review through patent ...

The first patent for a hydrogen station was filed by Honda Motor Company in 1998. The development of technology was relatively slow in the following five years. However, since 2002, the number of patent applications for hydrogen station ...



EU and Japan Lead Hydrogen Patents Worldwide

The European Union and Japan top hydrogen patents globally, according to a patents analysis by the European Patent Office (EPO) and the International Energy Agency (IEA).



Hydrogen is developing fast in Japan, edging nearer to wider use ...

According to a report released by the European Patent Office and the International Energy Agency, Japan accounted for 24% of hydrogen-related patent applications worldwide from 2011

to 2020, ranking top.



Hazer Group Secures Key Patent in Japan for Hydrogen

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