



Analysis of global photovoltaic energy storage patents





Overview

It closely monitors patenting activities across more than 30 technologies in four sub-areas: photovoltaic materials, photovoltaics devices, the management of these devices, and application areas. The report also features case studies outlining innovative developments in this sector. The new insight. But in the world of energy storage, they're the backstage passes to the greatest energy revolution since the discovery of fire. With global patent filings skyrocketing by 300% in the last decade [1] [8], countries and corporations are locked in a “green tech arms race” that makes Marvel's Avengers. Search within the title, abstract, claims, or full patent document: You can restrict your search to a specific field using field names. Search by Cooperative Patent Classifications (CPCs): These are commonly used to represent ideas in place of keywords, and can also be entered in a search term box. The information is presented as per patent application routes. However, between 2000 and 2018, nearly 90% of electricity storage International Energy Agency (IEA) shows. The study comprises four key strata: (i) a thorough literature review of recent energy trends, (ii) a comparative study of global energy patents.



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Energy storage patent analysis report epc

Perspectives report that & quot;if all The number of patents for inventions related to low-carbon energy technologies around the world grew by an average rate of 3.3% per year in the 2017-19 period, a ...

Global innovation in photovoltaics , epo

The new insight report draws on the latest patent data from the EPO's worldwide patent databases and leverages the expertise of the EPO and of the European Innovation Council (EIC), ...



[Annual patents filed for energy storage technologies](#)

Figures in recent years are subject to a time lag; submitted patents may not yet be reflected in the data.

[Energy Storage Patent Background Analysis Report: Trends, ...](#)

Let's face it, patents aren't exactly known for their Hollywood glamour. But in the world of energy storage, they're the backstage passes to the greatest energy revolution since the discovery of ...



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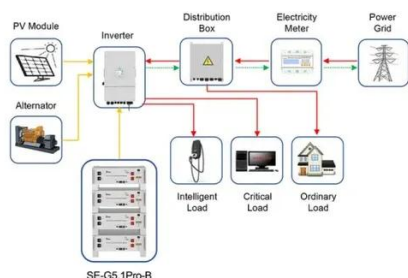
[Analysis of global photovoltaic energy storage patents](#)

The findings showed that energy storage and solar energy system devices and methods were the primary collaborative domains, indicating increased focus on efficient utilization of solar energy.



[Advances in photovoltaics Technology trends for solar energy](#)

Drawing on the latest patent data and leveraging the expertise of the European Patent Office (EPO) and of the European Innovation Council (EIC), this technology insight report delivers a comprehensive ...



Application scenarios of energy storage battery products

[Energy Technology Patents Data Explorer](#)



- Data Tools

How is the transition to clean energy reflected in energy patents? The European Patent Office (EPO)'s classification scheme for climate mitigation technologies were used to classify the patents as clean ...

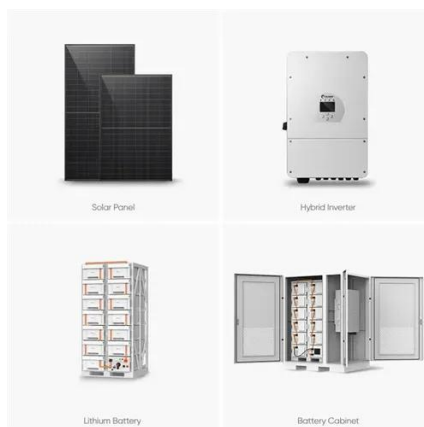


A network analysis of global competition in photovoltaic technologies

This paper constructs a global photovoltaic technological competition network based on patents from 1970 to 2018 to capture the international competitive dynamics at multiple scales. The ...

Green building energy: Patents analysis and analytical hierarchy

We gain valuable insights into the global landscape of building-energy patents by comparing the dominant countries across energy-efficient building design, smart building automation, ...





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