

# What are the new energy storage patents

As patent applications are often filed well in advance of public deployment, the trends discussed here offer valuable insights into the likely future trajectory of energy storage developments in ...

The global power industry experienced a 23% decline in the number of energy storage related patent applications in Q3 2024 compared with the previous quarter, according ...

Latest data reveals a 40% year-on-year increase in global battery patent applications, with sodium-ion battery patents exceeding 20% for ...

To support the much-needed progress, understanding innovation in electrochemical energy storage revealed in patents is an important research, as well as public ...

4 &#0183; The release of this patent marks a new step for Huabao New Energy in energy storage technology and heating efficiency, opening new possibilities for future clean energy applications.

Based on data from the incoPat patent database, we established the Cooperative network and knowledge network of energy storage patents and measured the ...

These technologies have laid a solid technical foundation for the development of new energy storage with their universality and universality, while other technical fields such as medical ...

Our patent search and monitoring tools are based on synergies between subject matter expert knowledge & AI. Energy storage innovation and ...

Understanding innovation of new energy industry: Observing development trend and evolution of hydrogen fuel cell based on patent mining

Aimed at decision-makers in both the private and public sectors, this report is a unique source of intelligence on the innovation trends across the energy system, in particular ...

SOPHIA ANTIPOLIS, France - May 28, 2025 | The solid-state battery market continues to flourish, fueled by growing demand for high-performance, safer energy storage ...

Its Report on Statistical Analysis of Green and Low-Carbon Patents this year shows a record high year-on-year growth of published applications worldwide ...

This article presents a quarterly round-up of the latest trends in the power industry regarding energy storage. It

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provides an overview of recent developments in energy storage-related ...

As the energy sector currently accounts for around three quarters of global greenhouse gas emissions, technologies for the transition to renewable energy will be crucial to achieving this ...

15 &#0183; This patent involves a mobile energy storage vehicle battery management system and controller for automotive charging, with its main functions being to enhance the charging ...

The invention relates to the technical field of power systems, and discloses an optimal configuration method of distributed energy storage of a power distribution network, which ...

The realm of energy storage materials has seen a substantial increase in patent activity as scientists and engineers innovate to meet the growing demand for efficient and ...

The transfer of energy storage patents can facilitate innovative development. The present study analyzes the factors influencing the transfer of cooperative energy storage ...

HaiChen Energy's [9] new modular system increased storage density by 200% - basically the difference between a horse carriage and a hyperloop. When Patents Predict the ...

Patented Technologies Patented Technologies Pintail Power specializes in hybrid energy storage technologies which integrate proven thermal energy storage media with gas turbines to ...

Based on the related patent data at home and abroad, this paper analyzes the basic information, distribution of main technical fields and technological evolution of new energy storage patents ...

As the demand for more efficient, safe, and high-capacity energy storage solutions continues to rise, the ability to secure strong patent protection for your innovations ...

Overview Patents provide early indications of technological developments that may transform the economy and drive the energy transition.

When acquiring new energy storage technology, Based on basic information such as development trends, geographical distribution, major patent holders and technology layout, use ...

Companies within the EU have recognized the potential of energy storage solutions as pivotal to achieving energy independence and sustainability. Patents in energy ...

Since its initial launch a year ago, EPO patent examiners and data analysts have compiled almost 70 datasets within this platform, encompassing such diverse technologies as offshore wind ...

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15 &#0183; The project investor, Huada Xinshuo New Energy Technology Group, relies on its parent company Huada Metal's extensive experience in precision manufacturing and has ...

What sets apart the landscape of photovoltaic energy storage is the diverse range of patents that encompass various aspects of the technology. From battery chemistries ...

Although the patent count for liquefied air energy storage, compressed air energy storage, and thermal energy storage is lower in comparison, these technologies have ...

The results show that, in terms of technology types, the annual publication volume and publication ratio of various energy storage types from high to low are: electrochemical ...

The commercialization process of energy storage patents affects the development of the energy storage industry. Clarifying the relationships between the characteristics of the ...

What are the patents for gravity energy storage?1. Patents serve as crucial protections for a variety of innovations in gravity energy storage technologies, 2. A wide array ...

Its Report on Statistical Analysis of Green and Low-Carbon Patents this year shows a record high year-on-year growth of published applications worldwide since 2017. Energy-storage patents ...

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