

# Patents for new energy storage





## Patents for new energy storage

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### [Eight Great Technologies Energy Storage](#)

This report analyses the worldwide patent landscape for energy and its storage. Energy and its storage encompasses many different technologies, but the current report has concentrated on ...



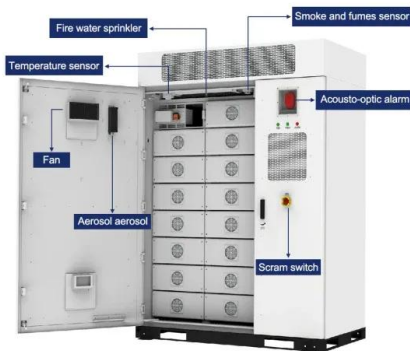
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Analysis of China's patent landscape for new energy storage technologies Yi CHEN 1 (), Qi QEN 1, Long ZHAO 1, Zikun CHEN 2, Anning WANG 2 () 1. State Grid Anhui Electric Power Testing & Research Institute, Hefei 230601, Anhui, ...



### **Solution to Energy Storage May Be Beneath Your Feet**

Ma, who holds a handful of patents on the technology, previously served as the principal investigator on an ARPA-E funded project known as ENDURING, for Economic Long ...



### **Emerging topics in energy storage based on a large-scale ...**

A recent trend in smaller-scale multi-energy systems is the utilization of microgrids and virtual power plants [5]. The advantages of this observed trend toward ...



### Understanding the Role of Patents in Renewable Energy Storage

Patents provide a clear framework for protecting various aspects of energy storage technologies, from new battery chemistries to advanced control systems. For instance, if a company ...

### Energy Storage Innovation , UK Energy Storage Roadmap

Energy storage patents filed 2000 - 2020 in selected countries (source: Espacenet, European Patent Office) 5.4 UK Policies and market mechanisms. 2018), along with The Road to Zero ...



### [Clean energy technologies , epo](#)

To date, with the addition of a new chapter on carbon capture technologies under energy storage, EPO patent examiners and data analysts have compiled almost 70 datasets to support ...



### Emerging topics in energy storage based on a large-scale analysis ...

Key words: energy storage technology; high-quality patents; technical activity; technical impact; market layout ?????????????????????? ???????



### Research Status and Development Trend of Gravity Energy Storage

Gravity energy storage is a new type of physical energy storage system that can effectively solve the problem of new energy consumption. This article examines the application ...

### Energy storage and other enabling technologies

The range of sources of renewable energy requires a leap forward when it comes to innovation in energy storage and other enabling technologies that will help achieve the energy transition, including by balancing supply of and demand ...



### [Energizing new energy research](#)

Particularly, among the eight new energy fields analyzed, solar energy, energy storage and hydrogen have the largest research output in the period of 2015-2019, demonstrating the focus on these





### Energy storage and batteries

Research into energy storage solutions has resulted in high levels of innovation across multiple technology fields, which in turn has significantly increased global patent activity. Energy ...



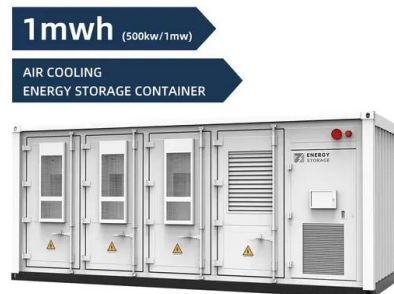
### High Capacity Electricity Storage

In July 2017, AES and Siemens partnered to create New Energy Storage Powerhouse to compete with the emerging market leader, Tesla. SciTech Patent Art is a big data analytics firm ...



### **Innovation in batteries and electricity storage**

inventions in the field of electricity storage. Because patents are filed many months, or even years, before products appear on the market, patent information is an early indicator of



### **Emerging topics in energy storage based on a large-scale ...**

Yearly number of publications of academic articles and patents on energy storage from 2000 to 2018. There seems to be a decline in patents in recent years. However, this is an ...



### Tracking Patent Trends - A Window into the Future of the Energy Storage

On the agenda for COP29 is the Global Energy Storage and Grids Pledge - a pledge which targets a sixfold increase in global energy storage capacity to 1.5 TW by 2030. As reported by ...



#### Gravity-based energy storage system

An energy storage system and method that enables gravity-based energy storage to have a significantly larger capacity in a single shaft for given capital cost and thus an improved cost ...



#### SUPERCAPACITOR BASED ENERGY STORAGE DEVICE

An energy storage device includes a charge storage assembly, an auxiliary storage element, and a charge control circuit. Justia Patents US Patent Application for ...



#### **Cleantech patents: focus on green energy and climate**

Most developed cleantech patents. Low-carbon energy technologies, including those for generating power from renewable sources and energy storage solutions, are the ...





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