

New Energy Battery Patent Analysis Report

This joint study by the International Energy Agency and European Patent Office underlines the key role that battery innovation is playing in the transition to clean energy ...

In the new energy automobile industry, a patent cooperation network is a technical means to effectively improve the innovation ability of enterprises. Network subjects can continuously obtain, absorb, and use various resources in the network to improve their research and development strength. Taking power batteries of new energy vehicles as the research ...

This report describes the results of an analysis tracing the technological influence of advanced batteries research funded by the Vehicle Technologies Office (VTO) in the U.S. Department of ...

The National Energy Administration of China has listed hydrogen energy and fuel cell technology as a key task of energy technology and equipment during the 14th Five-Year Plan period, and released the White Paper 2020 on China's Hydrogen Energy and Fuel Cell Industry, which expounds the development trend, development prospect and key technologies of ...

Additionally, the IP analysis allowed us to pinpoint over 60 IP newcomers who filed their first halide-related patents in 2022 or after: EVE Energy, Korea Electronics Technology Institute (KETI), Liongo New Energy, Qingtao Energy ...

The importance of batteries has been growing as a solution in a very dynamic puzzle. As a set of technologies at the intersection of the clean-digital transition, their role is expected to grow further in the coming decades [6]. A report about electricity storage developments published by the International Energy Agency (IEA) in association with the ...

Based on the data of the patent application on the EVs battery technology, this paper intends to analyze from the overall trend of the patent, distribution of the patent type, ...

Advancing portable electronics and electric vehicles is heavily dependent on the cutting-edge lithium-ion (Li-ion) battery technology, which is closely linked to the properties of cathode materials. Identifying trends and prospects of cathode materials based on patent analysis is considered a kernel to optimize and refine battery related markets. In this paper, a patent ...

The report, Innovation in batteries and electricity storage - a global analysis based on patent data, shows that batteries account for nearly 90% of all patenting activity in the area of electricity storage, and that the rise in ...

To deeply analyze the cooperative patent application and distribution trend in the field of power batteries, this paper collects the patent cooperation data of China's new energy ...

In this paper, patent mining and data analysis technology are adopted to summarize the development trend and main patentee of battery electric vehicle power battery patent technology. Combined with the patent text, the key technologies in the field of battery electric vehicle power battery in recent years are analyzed in depth.

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