

The aim of this article is to analyze trends in patenting that might result in innovations for three energy technologies: thermochemical conversion of biomass (Bioenergy), lithium-ion battery...

Its 2019 patent portfolio includes fluoroethylene carbonate, vinylene carbonate, 1,3,2-dioxathiolane-2,2-dioxide and lithium difluorophosphate (Canadian patent application 3071314 ...

An improved lithium-ion or lithium-polymer battery that is capacity-fade resistant. The battery ...

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Definitions. Lithium-ion battery technology is considered as the best near-term energy storage technology due to its high power and energy density, long cycle life, high potential and low self ...

This data-file tabulates the number of patents filed into different types of batteries, by year and by geography. Hence, we have identified the patent leaders in lithium ion technology, based on ...

Masakazu Togo has filed for patents to protect the following inventions. This listing includes patent applications that are pending as well as patents that have already been granted by the ...

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Togopower power stations are our newest power supplies using lithium battery technology to keep your essentials charged. Equipped with AC outlets, DC ports, and USB ports, you can charge ...

Currently, more than 4,000 patents have been granted, mainly in Japan and China, and more than 3,600 patent applications are pending, mainly in the USA and China. Know key players" ...

3 ???&#0183; The Lithium-ion battery top 100 is Discovery PatSnap" annual ranking of the top 100 Most Patent Filings Lithium-ion battery Key Players in the world. Discovery has identified the ...

It is intended that a lithium-ion battery such as that described herein may be fully discharged while the materials for both electrodes, including their corresponding current collectors, are...

It is intended that a lithium-ion battery such as that described herein may be fully discharged ...

The materials primarily used in common lithium-ion battery cells are lithium, cobalt, and nickel, all of which

are relatively scarce, expensive and obtaining these materials ...

Patent filings at the European Patent Office (EPO) for solid state batteries have been growing on average by 25% per year since 2010. 6 In 2018, they represented more than ...

More than 30 years after the production of the first commercial lithium-ion battery (LIB), they have become a ubiquitous part of everyday life; from portable electronics and electric vehicles...

The lithium ion secondary battery wherein at least one positive electrode layer including a positive electrode active material layer and at least one negative electrode layer ...

Milwaukee Tool Lithium-ion Patents. Several specific Milwaukee Tool lithium-ion battery technology patents make up the key intellectual property for the company as it relates ...

Justia Patents US Patent Application for LITHIUM-ION BATTERY RECYCLING PROCESSES AND SYSTEMS Patent Application (Application #20210091426) ... Lithium-ion ...

Lithium-ion battery technology is considered as the best near-term energy storage technology due to its high power and energy density, long cycle life, high potential and low self-...

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