



# Which company has the best patent for air lithium battery

Who makes lithium batteries?

EnergyX, founded in 2018, specializes in Lithium mining. Its patent on solid-state batteries is co-filed with the University of Texas and is related to lithiated metal organic frameworks with a bound solvent for secondary battery applications. Ionobell is an American material and battery manufacturer founded in 2017.

Does China have a future for lithium-ion batteries?

(Photo taken from CATL homepage) OSAKA -- China is increasing its presence in the race to develop replacements for the lithium-ion battery, a Nikkei analysis shows. A country-by-country tally of patents related to post-lithium-ion batteries over the past 10 years shows China in the lead, accounting for more than half of all patents.

Are alternative battery chemistries getting more patents?

Between 2012-2021, the number of patent families filed in CPC class H01M10/054, which relates to alternative battery chemistries, has steadily increased. The trends follow those seen for redox flow and solid-state battery technology, with a steady growth in the number of patent families filed in this class.

How many Li-ion battery patents are there in 2022?

In 2022, more than 320 new patent applicants entered the solid-state Li-ion battery-related patent landscape, with three-quarters filing only one patent family (i.e., unique invention). Most of these IP newcomers are Chinese companies and R&D labs, with less than 30% of them publishing more than one patent family that year.

Which company has a patent on solid-state batteries?

Ascend Element, a material manufacturer and recycling company established in 2015, has a patent on solid-state batteries related to the recycling of all-solid-state batteries and anode recovery. PIDC (Pacific Industrial Development Corporation), founded in 1992, specializes in alumina, zeolites, rare earths, inorganics, and mixed oxides.

Who invented solid-state batteries in 2022?

Several American companies entered the patent landscape in 2022, with the first patent on solid-state batteries being published that year. These companies include material manufacturers Ntherma, Zymergen, Ascend Element, PIDC, NEI Corporation, and Huntsman, as well as the battery manufacturer EnPower Greentech.

Unlike a lithium ion battery, the lithium air battery produces energy by contacting lithium with air and has advantages of being easily being down-sized, lighter, and the like as well...

3 ???&#0183; The Lithium-ion battery top 100 is Discovery PatSnap" annual ranking of the top 100 Most



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Patent Filings Lithium-ion battery Key Players in the world. Discovery has identified the ...

Wanxiang A123 Systems, a leader in global passenger battery solutions, specializes in high-tech lithium-ion batteries and holds a significant number of patents. With a ...

The top filers in the US, Canada, and Europe between 2017-2021 were US aerospace company Lockheed Martin (228 patent families) and Japanese company Sumitomo ...

Battery Patents: Lithium Leaders and New Breakthroughs? This data-file tabulates the number of patents filed into different types of batteries, by year and by geography. Hence, we have ...

As a climate-tech company, we host single-point lithium ion battery recycling & reuse solutions to overcome industry-wide obstacles to sustainable energy storage. We're the charge behind ...

Battery Patents: Lithium Leaders and New Breakthroughs? 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 ...

A country-by-country tally of patents related to post-lithium-ion batteries over ...

EP Chemtech, established in 2007 and notable for commercializing battery materials, has a patent on solid-state batteries co-filed with Konkuk University, related to cross-linked polymer electrolytes monomer ...

US11398656B2 US13/991,269 US201113991269A US11398656B2 US 11398656 B2 ...

The top filers in the US, Canada, and Europe between 2017-2021 were US aerospace company Lockheed Martin (228 patent families) and Japanese company Sumitomo Electric Industries (433 patent families). More ...

A country-by-country tally of patents related to post-lithium-ion batteries over the past 10 years shows China in the lead, accounting for more than half of all patents.

This article mainly introduces the major lithium-air battery companies in the world, and the information of these companies in lithium-air batteries. Here are top 5 lithium air battery ...

US11398656B2 US13/991,269 US201113991269A US11398656B2 US 11398656 B2 US11398656 B2 US 11398656B2 US 201113991269 A US201113991269 A US ...

Founded in 2010 Country: Australia Market Cap: \$158.4 million+. Core Lithium is focused on the development of capital-efficient and lowest-cost spodumene lithium projects in the Northern Territory and

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South ...

EP Chemtech, established in 2007 and notable for commercializing battery materials, has a patent on solid-state batteries co-filed with Konkuk University, related to cross ...

The lithium-air battery (Li-air) is a metal-air electrochemical cell or battery chemistry that uses oxidation of lithium at the anode and reduction of oxygen at the cathode to induce a current ...

Web: <https://szybkieladunki.pl>

