

# Number of Paraguayan battery technology patents

Imagine driving an electric vehicle that not only travels 700 miles on a single charge but fully recharges in just 10 minutes-- Toyota is on the brink of turning this vision into reality with its groundbreaking solid-state battery technology.. With over 1,300 patents in this space and a plan to begin mass production in coming years, Toyota is positioning itself to ...

Kingston Technology has a total of 617 patents globally, out of which 567 have been granted. Of these 617 patents, more than 70% patents are active. United States ...

Over the last two decades, the number of granted battery patents at the EPO has been on the rise (Figure 1, bars). This trend of course correlates with the general advancements in battery technology over the same ...

FREMONT, Calif., March 13, 2024 - Trina Solar, a global leader in smart solar products and solutions, announced its ownership of over 2000 patents, including a significant number of core TOPCon technology patents, in addition to PERC and Heterojunction (HJT) technology patents.

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 8% of all patent filings in lithium-ion technology, ...

What do the latest patent statistics reveal about innovation in the battery power sector? What are the key areas suitable for patent protection? In this article we explore the newest patent trends and gain valuable insights ...

In the international ranking, most battery technology patent applications published last year came from the Republic of Korea (1,155). In addition, the Republic of Korea was by far the most dynamic country in terms ...

The IEA/EPO report indicates that in 2018 the number of patent applications relating to lithium-ion technology accounted for 45% of all patent activity relating to battery cells. The majority of current lithium-ion battery research aims to ...

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. Top filers include: [15]

The number of international patent families related to applications for battery packs, 2000-18. Credit: European Patent Office ... The overwhelming majority of battery patents have come from electric vehicle battery technology. Patents concerning batteries for electric vehicles overtook those for consumer electronics in 2011. Since then, growth ...

Proportion of patent compared in main kinds of vehicle battery technology 4.2. Trend analysis of patent application for EV battery technology Through the years of Chinese patent application data, we found that the number of EV battery technology patent was exponential growing (Figure 4) in China.

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