

Where are Bollor's batteries made?

The French solid-state cell technology goes back to 2011. Some readers may remember Bollor's relying exclusively on batteries based on a lithium metal polymer (LMP) developed in-house, which claimed market maturity in 2012. The batteries are manufactured at the headquarters in France and Canada.

Is Blue Solutions a solid-state battery manufacturer?

Blue Solutions remains the only European producer of solid-state batteries. In Hannover Bluebus showed both models in its portfolio: the 6-meter and 12-meter battery electric bus. "The difference between our solid-state batteries and lithium-ion batteries is in the electrolyte: in every battery we use, it's liquid.

What is Bollor's doing with battery-swapping technology?

Bollor's group is also exploring battery-swapping technologies for 24-hour operations, particularly in industries like container trucking. "Swapping batteries is easy with our batteries as they don't have cooling system, making the swapping operation very simple, such as plug & play", Bouveret adds. What about market strategies?

How long does it take to charge a Bollor's battery?

Looking ahead, Bollor's is working on the next generation of batteries. "Today our batteries can be charged in 4 to 5 hours. But we are working on a next generation of batteries that can be charged in 20 minutes and will increase energy density by 50 percent. Today our 12-meter buses have 380 km range on one charge.

When did Bollor's start producing LMP batteries?

Bollor's started its studies at the end of the 1990s and developed a first pilot line in 2001 in Quimper. Hydro Quebec had explored the technology since 1995. Subsidiaries of both companies merged in 2007 and based on the two rights of patents, we started establishing in 2012 the first lines of production of our LMP batteries.

Can solid-state battery technology be used in a fourth-generation cell?

The solid-state battery manufacturer and the Taiwanese contract manufacturer have agreed to combine their expertise, technologies and resources. Both have been working on solid-state technology for some time, with Blue Solutions now entering fourth-generation cells.

The solid-state battery manufacturer, which is part of the French Bollor's Group, has a wealth of experience in the field of solid-state batteries. The French company's research ...

[September 28, 2023, Paris, France / Taipei, Taiwan] Blue Solutions has signed a memorandum of understanding with Hon Hai Technology Group (Foxconn) and its subsidiary, SolidEdge Solution Inc., to jointly develop ...



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3 ???· Dublin, Dec. 10, 2024 (GLOBE NEWSWIRE) -- The "Solid State Battery Market Size and Forecast 2020-2030: Global and Regional Share, Trends, and Growth Opportunity ...

Blue Solutions, a precursor and manufacturer of solid-state electric batteries using the lithium metal and polymer technology, and entity of the Bolloré Group, has signed a scientific ...

Taiwan's mass-scale manufacturer, Foxconn, has signed its next MoU with an e-mobility company. Blue Solutions by French Bolloré has agreed to join forces to develop solid-state batteries for two-wheelers with a ...

"The close collaboration with SIPBB's Swiss Battery Technology Center will enable Blue Solutions to strengthen the three pillars of its DNA - Safe, Clean and Smart solutions. This is possible ...

The all-solid-state battery sector is the technology that will be the performance benchmark. It will make possible the mass production of clean electric transport. Blue Solutions' technology is based on decades of expertise that has made it ...

Solid-State Battery Technology Show 2023- LA, USA. Conférence. Avancées des batteries à l'état solide pour les applications automobiles de tourisme Mercredi 15 novembre 2023 de 11h30 à ...

French billionaire Vincent Bolloré added Tema to the 15 West African ports he already controlled by ripping off the country, a secret report says. By Andrew Weir, The French ...

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Solid-state & Lithium metal chemistries: a 40+ years expertise Blue Solutions is the all-solid-state battery pioneer with a unique expertise on: lithium metal and polymer-type solid electrolyte. ...

Battery Show North America 2023; Fastmarkets European Battery Conference 2023; Batteries Event Lyon 2023; Battery Research Symposium - Hydro Québec; Li-ion Battery Europe 2023- Budapest, Hungary; Battery Innovation Days ...

3 ???· Dublin, Dec. 10, 2024 (GLOBE NEWSWIRE) -- The . Solid State Battery Market Size and Forecast 2020-2030: Market Poised for Strong Growth with Projected CAGR of Over 30% ...

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Bolloré Group executives argue that its solid-state design makes it much safer than the standard lithium-ion batteries used in Nissan's Leaf and Tesla Motors' Model S, which ...

Volkswagen, whose drive to develop a "solid-state" electric car battery with U.S. startup QuantumScape has been dogged by delays, is casting its net wider in pursuit of the ...

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