

Is basquevolt developing a solid-state battery?

Basquevolt reports progress in the development of its solid-state battery cells. Before the end of this year, Basquevolt's research and development centre is expected to produce the first 20 Ah cells suitable for use in electric vehicles.

Will basquevolt reduce its cost compared to today's lithium-ion batteries?

Basquevolt is talking about a potential cost reduction of 30 per cent compared to today's lithium-ion batteries. Basquevolt was only founded last year and is already planning to start mass production of solid-state cells at its future 1 GWh capacity plant by the end of 2025.

Why are batteries made in the Basque Country?

In sum, the batteries made in the Basque Country will offer greater energy density at a lower cost, which will allow for the manufacture of vehicles with greater range and a lower price. These are the two key elements necessary to guarantee a "comfortable" transition from fossil-fuel vehicles to electric ones.

What is basquevolt?

BASQUEVOLT. BASQUEVOLT aims to become the European leader in the next generation of solid-state lithium batteries. Our technology will make possible the mass deployment of electric transportation, stationary energy storage and advanced portable devices.

What is the basquevolt project?

Nevertheless, given how important and interesting this news is, we had to share it. The Basquevolt project, which expects an investment of EUR700 million, got started two years ago in secret, and its main goal is setting up a production line to make solid-state batteries by 2027.

Who is basquevolt backed by?

Basquevolt is backed by a strong group of shareholders. Major industrial players in the energy and automotive sectors, together with the Basque Government. We are looking for talented people with experience in battery technology to share our ambition to build a sustainable world.

BASQUEVOLT aspira a convertirse en el líder europeo de la próxima generación de baterías de litio de estado sólido. La tecnología de BASQUEVOLT hará posible el despliegue masivo del transporte eléctrico, el almacenamiento de energía estacionario y los dispositivos portátiles avanzados. Para más información: basquevolt

BASQUEVOLT's technology will enable the mass deployment of electric transport, stationary energy storage, and advanced portable devices. (Vitoria-Gasteiz, 10 June 2022) BASQUEVOLT, the Basque solid-state battery initiative, will begin production of battery cells in 2027 with the aim of reaching a capacity of 10GWh.

Basquevolt has reported new strides in its solid-state battery journey. In just nine months, they've progressed from assembling 1Ah cells to now 20Ah cells. They said this is a key step towards its plan to create solid-state cells with an energy density of over 450Wh/kg, approximately 50% more than the leading batteries currently available. The

The Electrode Process Engineer should have experience in the development and manufacturing of lithium-ion battery, ideally within a corporate organization.. Degree in Mechanical/ Mechatronic /Process/ Chemistry Engineering. 5 years of experience in LFP electrodes at mass production scale. High expertise in slurry manufacturing and coating process at mass production scale.

The almost 40 company workers have already opened their official headquarters in the new Basquevolt Building, known as the Epsilon Building for the last decade. The new offices, which are still in the refurbishment phase, will also house the new R& D Laboratories and the plant where the first prototype of the battery will be manufactured ...

Basquevolt, a cutting-edge technology company specializing in solid-state batteries, announced significant progress in the development of their revolutionary battery cells. The company's research and development center ...

Noticias relacionadas. Carranza (Basquevolt): "No tenemos competidores en Europa. Nuestra carrera est#225; en China y EEUU" Hay dos secretos que Francisco Carranza, CEO de Basquevolt, guarda bajo llave.Uno es la "receta" qu#237;mica en la que se sustenta el electrolito, la base de la bater#237;a en estado s#243;lido. El otro es a qui#233;n, o a qui#233;nes, pretende vender en ...

The key differentiating technology developed by Basquevolt is a new family of battery polymer electrolytes and its integration with new cathode and anode chemistries. They are based in more than 10 patents, numerous industry secrets and know how that was originally developed by Professor Michel Armand and his research group at the CIC ...

The Basquevolt project, which expects an investment of EUR700 million, got started two years ago in secret, and its main goal is setting up a production line to make solid-state batteries by 2027. The production capacity ...

Fives Group, Basquevolt and Hynn Technology join forces to design an innovative solution in the finishing of solid-state batteries that the Vitoria-based company plans to launch to the market in 2027.. In its search for international alliances with the best experts in the industry, Basquevolt has signed this collaboration agreement with both multinationals to design, test and develop an ...

Basquevolt, the Basque initiative for the production of solid-state batteries, is launched with the aim of producing 10GWh by 2027. 10/06/2022 The founding consortium of investors in the project, promoted by the

Basque Government, includes Iberdrola, CIE Automotive, Enagás, EIT InnoEnergy, and CIC energiGUNE, whose research has facilitated ...

American Samoa is less than 1,000 miles south of the equator and has abundant solar energy resources. 63,64 In 2021, solar power accounted for about 11% of American Samoa's electricity generating capacity and about 3% of its electricity generation. 65,66 In 2016, ASPA completed conversion from diesel-powered to solar photovoltaic (PV) electricity ...

Basquevolt participates in the 1st UPCELL Annual Meeting. The annual meeting of the European Battery Alliance UPCELL, held at the Opera House in Copenhagen, has brought together nearly a hundred European "actors" of the battery sector (companies, associations, universities, and regional and national governments) in an event that welcomed the new members of the Alliance.

BASQUEVOLT to start delivering the first cells to global automotive and aviation players in order to accelerate the transition towards lighter and more affordable batteries ... an element that makes the company unique in the battery technology manufacturing sector. 05 Apr 2024. Basquevolt 20Ah cell reaches milestone with more than 450Wh/kg ...

En total, Basquevolt está invirtiendo cerca de 40 millones de euros en su tecnología, cuya filosofía, asegura Carranza, forma parte de la que debe ser la estrategia de nuestro país en la lucha ...

This milestone validates BASQUEVOLT's breakthrough lithium metal cell technology and its groundbreaking energy density (450 Wh/kg with NMC and 300 Wh/kg with LFP), while at the ...

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