

# Patent application process in the energy storage field

the present disclosure relates to thermal energy storage and utilization systems. More particularly, the present disclosure relates to an energy storage system that stores electrical energy in form ...

The Gravity Field Energy Storage & Recovery System invention is a mechanical, electrical and electronic system that has the ability to harness any electrical or mechanical power source and ...

Energy storage patents are legal protections granted for inventions related to technologies that store energy for later use. These patents can apply to various systems, ...

Drafting patent applications for renewable energy technologies is a critical task that demands precision, clarity, and a deep understanding of both the technology and the legal landscape. ...

On demand the mass can be accelerated by the gravitational field and converted to kinetic energy, which is harnessed and converted to shaft horsepower, allowing the desired energy ...

At this point, the energy storage community takes it for granted that K and Na require glass, not PP or PE. The problem with glass frits is that they are not employed in any ...

The heat is stored in the reservoir until there is a demand for energy. The energy is brought to the surface and can be used to generate electricity or process heat, making the system adaptable ...

To tackle the storage challenges posed by renewable energy sources like wind, tidal, solar energy, and so on, there has been a surge in research on high-performance energy storage ...

An energy storage system includes at least one battery pack and a thermal management system. The battery pack includes a cooling plate and a battery cell. The cooling ...

So what does a software patent in the field of energy storage look like? Kobe Steel have a patent application for a control method for a "Compressed Air Energy Storage Power Generation ...

A process provides an unlimited source of ammonia, for primary use as a liquid disinfectant for application directly to human hands or to hand wipes, by combining a carbon ...

A report about electricity storage developments published by the International Energy Agency (IEA) in association with the European Patent Office (EPO), asserts that "the ...

# Patent application process in the energy storage field

An energy storage system converts variable renewable electricity (VRE) to continuous heat at over 1000°C. Intermittent electrical energy heats a solid medium. Heat from ...

This guide cracks open the black box of energy storage patent applications, serving engineers, startups, and clean tech visionaries ready to stake their claim in this ...

170,000 patents or patent applications were published globally in the battery field in 2023 ... Manufacturing processes are one area where trade secrets can be particularly ...

Even though several reviews of energy storage technologies have been published, there are still some gaps that need to be filled, including: a) the development of ...

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