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# Kenya Super Smart Capacitor

What are the trends in smart supercapacitor technology?

Trends in smart supercapacitor technology To meet the urgent smart capacitor requirements for our daily life, one has to consider cost-effective and scalable microfabrication techniques such as photolithography, laser scribing, and inkjet printing.

What are smart supercapacitors?

Accordingly, smart supercapacitors have been widely focused on and studied by researchers recently with the introduction of intelligent functions, such as electrochromism, self-healing, and shape memory, into supercapacitors to broaden their application fields and promote their smart development.

Who invented smart supercapacitors?

Fig. 6.1. Scheme depicting the research and technology on smart supercapacitors.

However, the history is the first patent on SCs was obtained by Becker in 1957. Later in the year (1970), NEC Japan developed commercial aqueous electrolyte SCs under the trade name SOHIO.

How to conduct research and design of multifunctional smart supercapacitors?

Therefore, if we want to carry out the research and design of multifunctional smart supercapacitors, it is very important to carry out horizontal research and design among various smart supercapacitors and establish the correlation link between each other.

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Kenya government is investing in renewable energy and smart grid technology, driving the demand for supercapacitors. Policies supporting the adoption of electric vehicles (EVs) and ...

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