

An electrochemical supercapacitor

The technology is about building a super capacitor comprising the necessary electrodes and process for preparing the same. The present invention is directed to fabricate and demonstrate high performance electrochemical redox super capacitors, which employ conducting polymers such as polyaniline as active material.

Salient Features

The electrodes made out of conducting polymer, namely, polyaniline provides attractive capacitance per unit weight.

Major Application / End Users

- Hybrid electric vehicles
- Digital communication devices