

Electrolytes for High Energy Density Ultracapacitors

Disclosure Number

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Technology Summary

The present invention comprises a new sodium based electrolyte system that has an electrochemical window of 4V, which is suitable for use as electrolytes for high energy density supercapacitors. This is contrast to the current state-of-the art electrolyte that are based on tetraethyl ammonium tetrafluoroborate in acetonitrile based solvents which has a potential window of around 2.5-2.7 V.3.

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