

Method of Manufacturing High Volumetric Density Electrodes from Self-Aligning Fiber Powders

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Technology Summary

The volumetric density of energy storage devices is a significant limitation to wide scale market penetration. This invention describes a method of producing high packing density architectures for use in battery electrodes through the use of self-aligning fiber powders. Significant improvements have been made to the packing density of the active material while mitigating the deleterious effects of tortuosity on rate performance.

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