



Bearing-Less Electrostatic Flywheel

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WARF: P180324US01

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The Invention

A bearing-less flywheel both exchanges energy with a rotating flywheel using a regenerative controller via a rotating electrostatic field but also suspends the flywheel with an electrostatic field to provide a compact robust mechanism for energy storage.

Additional Information

For More Information About the Inventors

- [Daniel Ludois](#)
- [Eric Severson](#)

Tech Fields

- [Clean Technology : Energy storage, delivery & resource efficiencies](#)
- [Engineering : Electric machines](#)

For current licensing status, please contact Michael Carey at mcarey@warf.org or 608-960-9867