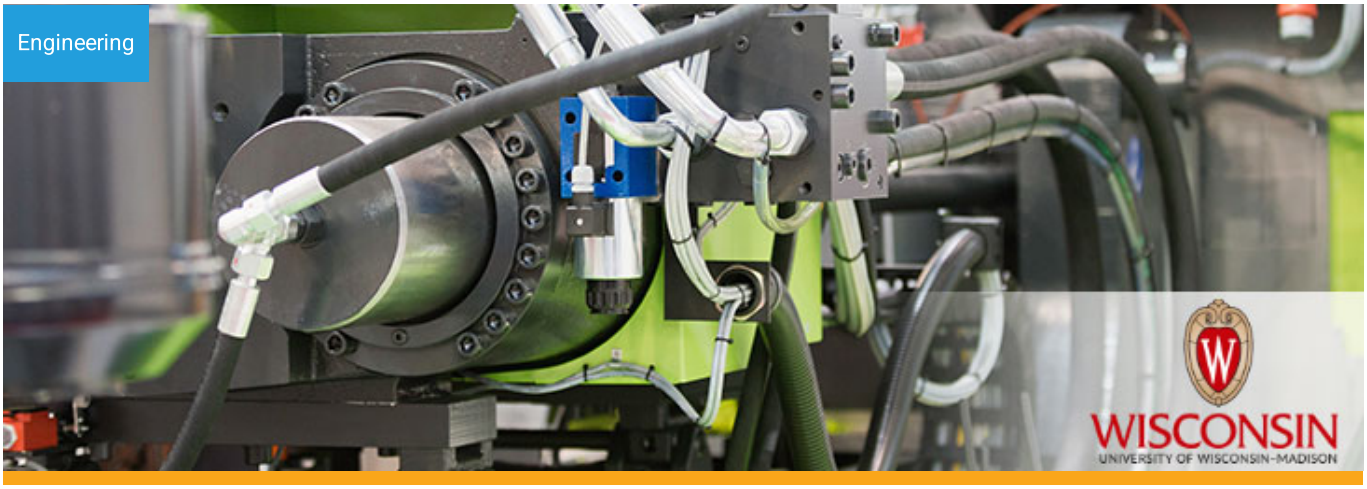
Engineering



Electrostatic Rotating-Machine Employing Dielectric Substrates With Surface Conductors

View U.S. Patent No. 10,951,132 in PDF format.

WARF: P170167US01

Inventors: Daniel Ludois, Baoyun Ge

The Invention

An electrostatic rotating electrical machine employs axially extending electrically conductive electrodes on a rotor interacting with a corresponding set of axially extending electrodes on a stator, where the electrodes are supported at an outer surface of a dielectric sleeve which continues beneath the electrodes to provide a robust support and to minimize electrode weight.

Additional Information

For More Information About the Inventors

- Daniel Ludois

Tech Fields

- Engineering : Electric machines

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