



## Double Layer Capacitive Coupler

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### The Invention

A capacitive coupler provides high coupling capacitance through the use of an electrical double layer formed on opposite plates of the coupler. The coupler can be independent or provide a hydrodynamic or hydrostatic bearing as well as capacitive coupling and the circulated dielectric can provide for cooling of associated machinery.

### Additional Information

#### For More Information About the Inventors

- [Daniel Ludois](#)

#### Tech Fields

- [Engineering : Electric machines](#)

For current licensing status, please contact Emily Bauer at [emily@warf.org](mailto:emily@warf.org) or 608-960-9842