

DIRECT ENERGY CONVERTER FOR AXISYMMETRIC MIRROR FUSION REACTOR

View U.S. Patent Application Publication No. US-2023-0298771 in PDF format.

WARF: P220103US01

Inventors: Cary Forest, Jan Egedal, Jay Anderson, Jeremiah Kirch, Douglass Endrizzi

The Invention

UW researchers developed an axisymmetric direct energy convertor (DEC) which can harvest the energy from the exhaust of an axisymmetric mirror, thereby increasing its energy gain. The configuration incorporates several novel but easy to implement advances over previous direct convertors and allows for direct control of the plasma rotation via end ring biasing needed for plasma stability

Additional Information

For More Information About the Inventors

- Cary Forest
- Jan Egedal

Tech Fields

• Clean Technology: Monitoring, remediation & waste reduction

For current licensing status, please contact Jeanine Burmania at jeanine@warf.org or 608-960-9846