

**Electrochemical behaviour of TiCN and TiAlN gradient coatings prepared by lateral rotating cathode arc PVD technology**  
**Baroninš, Janis; Podgurski, Vitali; Antonov, Maksim; Bereznev, Sergei; Hussainova, Irina** Engineering materials and tribology  
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**Protection of bidirectional Step-Up/Down partial power converter against short circuit and open circuit faults and mode transition issues**

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**Soft start and protection of bidirectional buck-boost partial power converter**

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