

Title (en)  
METHOD FOR PROTECTING AN ELECTRICAL POWER SYSTEM

Title (de)  
VERFAHREN ZUM SCHUTZ EINES STROMSYSTEMS

Title (fr)  
PROCÉDÉ DE PROTECTION D'UN SYSTÈME D'ALIMENTATION ÉLECTRIQUE

Publication  
**EP 3788689 A4 20211208 (EN)**

Application  
**EP 18917461 A 20180504**

Priority  
US 2018031088 W 20180504

Abstract (en)  
[origin: WO2019212562A1] The present disclosure is directed to a method for protecting an electrical power system connected to a power grid. The electrical power system includes at least one cluster of electrical power subsystems. Each of the electrical power subsystems defines a stator power path and a converter power path for providing power to the power grid. The converter power path includes a partial power transformer. The electrical power system further includes a subsystem switch configured with each of the electrical power subsystems and a cluster transformer connecting each cluster of electrical power subsystems to the power grid. A cluster switch is configured with the cluster transformer. A controller is communicatively coupled to each of the plurality of electrical power subsystems. Thus, the controller monitors the electrical power system for faults, and if a fault is detected in the cluster, sends, via one of the subsystem switches or the power converters, a block signal to the cluster switch.

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Citation (search report)

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- See references of WO 2019212562A1

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