

Title (en)

DEVICE FOR SUPERVISING AN ELECTRICAL SYSTEM COMPRISING A REDUNDANT MACHINE

Title (de)

VORRICHTUNG ZUR ÜBERWACHUNG EINES ELEKTRISCHEN SYSTEMS MIT EINER REDUNDANTEN MASCHINE

Title (fr)

DISPOSITIF DE SUPERVISION D'UN SYSTEME ELECTRIQUE COMPRENANT UNE MACHINE REDONDEE

Publication

EP 4285484 A1 20231206 (FR)

Application

EP 21824628 A 20211130

Priority

- FR 2100753 A 20210127
- FR 2021052131 W 20211130

Abstract (en)

[origin: WO2022162282A1] Device (S) for supervising an electrical system comprising: a redundant rotating electrical machine (M1), at least two independent branches, each one of which comprises: one of the windings of the redundant machine (M1), a control device generating a power control setpoint for controlling the winding, the supervision device (S) comprising the control devices and being configured so as to successively: simultaneously transmit, for at least two control devices of two separate branches, a request for a power test setpoint in addition to the control setpoint, such that the sum of said power test setpoints is zero, and then establishing a fault diagnosis according to measured physical values after the test setpoints have been applied.

IPC 8 full level

H02P 29/032 (2016.01)

CPC (source: EP)

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Citation (search report)

See references of WO 2022162282A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

Designated validation state (EPC)

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DOCDB simple family (publication)

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