

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)

**H02P 29/032** (2016.02)

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)

KH MA MD TN

DOCDB simple family (publication)

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DOCDB simple family (application)

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