

Title (en)

REDUNDANT ELECTRICAL MACHINE FOR DRIVING A MEANS OF PROPULSION

Title (de)

REDUNDANTE ELEKTRISCHE MASCHINE ZUM ANTREIBEN EINES VORTRIEBSMITTELS

Title (fr)

MOTEUR ÉLECTRIQUE REDONDANT SERVANT À ENTRAÎNER UN MOYEN DE PROPULSION

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2018219904A1] The invention relates to an in particular redundant electrical machine for driving a means of propulsion with increased reliability. The machine comprises, for example, two sub-machines, each consisting of a stator winding system and a rotor, wherein the two rotors are arranged in a rotatably fixed manner on a common shaft, by means of which the means of propulsion is ultimately set into motion. The invention further relates to a sliding device which, in case of a failure in one of the stator winding systems, has the effect that, for the corresponding faulty sub-machine, the air gap between the affected stator winding system and the associated rotor is enlarged such that the electromagnetic interaction between said components is inhibited.

IPC 8 full level

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Citation (search report)

See references of WO 2018219904A1

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