

Title (en)

END SHIELD FOR AN ELECTRIC ROTATING MACHINE, USE THEREOF, AND ELECTRIC ROTATING MACHINE

Title (de)

LAGERSCHILD FÜR EINE ELEKTRISCHE ROTIERENDE MASCHINE, VERWENDUNG DAZU UND ELEKTRISCHE ROTIERENDE MASCHINE

Title (fr)

FLASQUE POUR UNE MACHINE ÉLECTRIQUE TOURNANTE, UTILISATION ASSOCIÉE ET MACHINE ÉLECTRIQUE TOURNANTE

Publication

EP 3928416 A1 20211229 (DE)

Application

EP 20714911 A 20200316

Priority

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- EP 2020057065 W 20200316

Abstract (en)

[origin: WO2020200722A1] The invention relates to an end shield for motors, in particular electric rotating machines such as electric motors and/or generators, having improved stiffness. For the first time, an end shield for an electric rotating machine is presented that has a geometry suitable for counteracting distortions of the first natural frequency. In particular, an end shield geometry is presented in which the inner fastening ring and the outer fastening ring are eccentric relative to one another.

IPC 8 full level

H02K 5/04 (2006.01); **H02K 5/15** (2006.01)

CPC (source: EP US)

H02K 5/04 (2013.01 - EP); **H02K 5/15** (2013.01 - US); **H02K 5/15** (2013.01 - EP)

Citation (examination)

- DE 4039571 C2 19990107 - MULFINGEN ELEKTROBAU EBM [DE]
- GB 2187700 A 19870916 - OTIS ELEVATOR CO
- See also references of WO 2020200722A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

DE 102019204456 A 20190329; CN 202080037935 A 20200316; EP 2020057065 W 20200316; EP 20714911 A 20200316; US 202017598446 A 20200316