

Title (en)

BRUSH HOLDER FOR A ROTATING ELECTRICAL MACHINE

Title (de)

BÜRSTENHALTER FÜR EINE ELEKTRISCHE DREHMASCHINE

Title (fr)

PORTE-BALAI POUR MACHINE ÉLECTRIQUE TOURNANTE

Publication

EP 3642943 A1 20200429 (FR)

Application

EP 18727033 A 20180604

Priority

- FR 1755624 A 20170620
- EP 2018064591 W 20180604

Abstract (en)

[origin: WO2018234023A1] The present invention proposes a rotating electrical machine, in particular for a motor vehicle. The machine comprises live parts; a casing (11); a brush holder (24) comprising at least one brush (23), an electric excitation path (44) for exciting said brush and a housing (37) made of an electrically insulating material; and an electronic assembly (36) comprising a control module (61) and an excitation path (48) connecting the excitation path (44) of the brush holder to said control module. The control module (61) comprises a ground path (63), said ground path (63) being electrically connected to the casing (11) via the brush holder (24).

IPC 8 full level

H02K 5/14 (2006.01); **H02K 11/04** (2016.01); **H02K 11/33** (2016.01)

CPC (source: EP US)

H02K 5/141 (2013.01 - EP); **H02K 11/05** (2016.01 - EP US); **H02K 11/33** (2016.01 - EP)

Citation (search report)

See references of WO 2018234023A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2018234023 A1 20181227; CN 111819773 A 20201023; EP 3642943 A1 20200429; FR 3067883 A1 20181221

DOCDB simple family (application)

EP 2018064591 W 20180604; CN 201880041634 A 20180604; EP 18727033 A 20180604; FR 1755624 A 20170620