

Title (en)

ELECTRIC MACHINE WITH COMMUTATING BRUSHES

Title (de)

ELEKTRISCHE MASCHINE MIT BÜRSTEN ZUR KOMMUTIERUNG

Title (fr)

MOTEUR ÉLECTRIQUE ÉQUIPÉ DE BALAIS POUR LA COMMUTATION

Publication

**EP 3149837 A1 20170405 (DE)**

Application

**EP 15715738 A 20150414**

Priority

- DE 102014210148 A 20140527
- EP 2015058021 W 20150414

Abstract (en)

[origin: WO2015180884A1] The invention relates to an electric machine (10) with commutating brushes (12) and an electric interference-suppression component (14). The brushes (12) are arranged in an annular brush support (18), and the brush support (18) sits on an axial end (22) of a housing part (24) of the electric machine (10), which is preferably a pole housing (240). The interference-suppression component (14) is arranged radially outside of the housing (24), and the brush support (18) has a protrusion (30) which extends in the radial direction (2). The protrusion (30) extends radially towards the outside so as to extend outside of the housing (24), the interference-suppression component (14) being arranged on the protrusion (30).

IPC 8 full level

**H02K 5/14** (2006.01); **H02K 11/02** (2016.01)

CPC (source: CN EP US)

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Citation (search report)

See references of WO 2015180884A1

Citation (examination)

- DE 202009007545 U1 20101014 - BROSE FAHRZEUGTEILE [DE]
- DE 102010019473 A1 20101216 - ASMO CO LTD [JP]

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DOCDB simple family (application)

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