

Title (en)

COMMUTATOR MOTOR AND SERIES OF COMMUTATOR MOTORS

Title (de)

KOMMUTATORMOTOR UND BAUREIHE VON KOMMUTATORMOTOREN

Title (fr)

MOTEUR À COLLECTEUR ET GAMME DE FABRICATION DE MOTEURS À COLLECTEUR

Publication

EP 3900157 A1 20211027 (DE)

Application

EP 19836464 A 20191203

Priority

- DE 102018221859 A 20181217
- DE 2019200139 W 20191203

Abstract (en)

[origin: WO2020125874A1] The invention relates to a commutator motor having a housing, a rotor bearing a winding and a commutator and being rotatably mounted about a rotor axis, a permanent magnet stator, a brush support plate (7), arranged substantially at a right angle to the rotor axis and having brushes (8) which are in contact with the commutator, and a circuit board (9) received in the brush support plate (7). The aim of the invention is to provide for simple and reliable installation of a commutator motor of this type.

IPC 8 full level

H02K 1/17 (2006.01); **H02K 5/14** (2006.01); **H02K 11/026** (2016.01); **H02K 11/33** (2016.01); **H02K 13/00** (2006.01); **H02K 15/14** (2006.01)

CPC (source: EP)

H02K 1/17 (2013.01); **H02K 5/148** (2013.01); **H02K 11/026** (2013.01); **H02K 11/33** (2016.01); **H02K 13/006** (2013.01); **H02K 15/14** (2013.01);
H02K 2203/03 (2013.01); **H02K 2211/03** (2013.01)

Citation (search report)

See references of WO 2020125874A1

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)

DE 102018221859 A1 20200618; EP 3900157 A1 20211027; WO 2020125874 A1 20200625

DOCDB simple family (application)

DE 102018221859 A 20181217; DE 2019200139 W 20191203; EP 19836464 A 20191203