

Title (en)

ROTATING ELECTRICAL MACHINE, ESPECIALLY A STARTER OF A MOTOR VEHICLE

Title (de)

ROTIERENDE ELEKTRISCHE MASCHINE, INSBESONDERE STARTER EINES KRAFTFAHRZEUGMOTORS

Title (fr)

MACHINE ELECTRIQUE TOURNANTE, NOTAMMENT DEMARREUR DE VEHICULE AUTOMOBILE

Publication

EP 3044454 A2 20160720 (FR)

Application

EP 14792530 A 20140819

Priority

- FR 1358797 A 20130912
- FR 2014052101 W 20140819

Abstract (en)

[origin: WO2015036672A2] The invention relates to a rotating electrical machine of a motor vehicle, especially a starter of a motor vehicle, comprising: a starter assembly (19) arranged so as to rotate a ring gear (101) associated with a combustion engine or a gear box; and a support (35) wherein the starter assembly is at least partially housed, said support comprising a passage (36) arranged so as to allow the starter assembly to come into contact with the ring gear, and at least one discharge opening (40; 41) which is different from the passage and arranged so as to allow the discharge of pollutants projected by the crown and/or the starter assembly, when the machine is mounted on a motor vehicle.

IPC 8 full level

F02N 15/06 (2006.01); **H02K 5/06** (2006.01); **H02K 5/10** (2006.01)

CPC (source: EP)

F02N 15/06 (2013.01)

Citation (search report)

See references of WO 2015036672A2

Citation (examination)

- JP H0491367 A 19920324 - NIPPON DENSO CO
- JP 2004340084 A 20041202 - DENSO CORP
- US 4718290 A 19880112 - MURATA NOBUYOSHI [JP], et al

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)

FR 3010457 A1 20150313; FR 3010457 B1 20180302; EP 3044454 A2 20160720; JP 2016535202 A 20161110; WO 2015036672 A2 20150319; WO 2015036672 A3 20150611

DOCDB simple family (application)

FR 1358797 A 20130912; EP 14792530 A 20140819; FR 2014052101 W 20140819; JP 2016542347 A 20140819