

Title (en)

VEHICLE ENGINE STARTER HAVING IMPROVED SEALING PROPERTIES

Title (de)

FAHRZEUGMOTORSTARTER MIT VERBESSERTEN VERSIEGELUNGSEIGENSCHAFTEN

Title (fr)

DEMARREUR DE MOTEUR DE VEHICULE A ETANCHEITE RENFORCEE

Publication

EP 3465881 A1 20190410 (FR)

Application

EP 17727651 A 20170511

Priority

- FR 1654772 A 20160527
- FR 2017051129 W 20170511

Abstract (en)

[origin: WO2017203122A1] Starter (1), in particular for a motor vehicle, comprising: - a casing (3); - a rear bearing (5) secured to a rear end of the casing (3); - a seal between the rear bearing (5) and the casing (3); the starter (1) further comprising: - a lateral opening along the outer periphery (32) of the casing (3); - a grommet (37), mounted in the lateral opening, for leading electric wires, which supply power to the starter (1), through the casing (3).

IPC 8 full level

H02K 1/18 (2006.01); **H02K 5/10** (2006.01); **H02K 5/167** (2006.01)

CPC (source: EP US)

H02K 1/185 (2013.01 - EP US); **H02K 5/10** (2013.01 - EP US); **H02K 5/1672** (2013.01 - EP US); **H02K 5/1732** (2013.01 - EP US); **H02K 5/225** (2013.01 - EP US)

Citation (search report)

See references of WO 2017203122A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2017203122 A1 20171130; EP 3465881 A1 20190410; FR 3051847 A1 20171201; US 2019296604 A1 20190926

DOCDB simple family (application)

FR 2017051129 W 20170511; EP 17727651 A 20170511; FR 1654772 A 20160527; US 201716303157 A 20170511