

Title (en)

ELECTRICAL PHASE CONNECTOR FOR ROTARY ELECTRIC MACHINE STATOR

Title (de)

ELEKTRISCHER PHASENVERBINDER FÜR EINEN STATOR EINER ELEKTRISCHEN DREHMASCHINE

Title (fr)

CONNECTEUR DE PHASE ELECTRIQUE POUR STATOR DE MACHINE ELECTRIQUE TOURNANTE

Publication

EP 3718197 A1 20201007 (FR)

Application

EP 18807092 A 20181128

Priority

- FR 1761331 A 20171129
- EP 2018082784 W 20181128

Abstract (en)

[origin: WO2019105975A1] The invention relates to a rotary electric machine for a vehicle comprising an electronic assembly, a stator and an electrical phase connector (10) for a rotary electric machine stator (20). The electrical phase connector (10) comprises a predefined angular configuration of electrical coupling means (130b) so as to carry, respectively, a different electrical phase toward or away from a rotary electric machine stator (20). Each electrical coupling means (130b) is electrically connected to a conductive phase track (110).

IPC 8 full level

H02K 3/50 (2006.01)

CPC (source: EP KR US)

B60R 16/03 (2013.01 - US); **H02K 3/14** (2013.01 - KR); **H02K 3/50** (2013.01 - EP KR US); **H02K 3/52** (2013.01 - US);
H02K 3/522 (2013.01 - KR US); **H02K 5/22** (2013.01 - US); **H02K 5/225** (2013.01 - KR US); **H02K 11/04** (2013.01 - KR);
H02K 19/22 (2013.01 - KR); **F02N 11/04** (2013.01 - US); **H02K 2203/06** (2013.01 - KR); **H02K 2203/09** (2013.01 - EP KR US)

Citation (search report)

See references of WO 2019105975A1

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 3074376 A1 20190531; FR 3074376 B1 20201218; CN 111386649 A 20200707; CN 111386649 B 20230414; EP 3718197 A1 20201007;
JP 2021505117 A 20210215; KR 20200096511 A 20200812; US 11374457 B2 20220628; US 2021376682 A1 20211202;
WO 2019105975 A1 20190606

DOCDB simple family (application)

FR 1761331 A 20171129; CN 201880076351 A 20181128; EP 18807092 A 20181128; EP 2018082784 W 20181128;
JP 2020529332 A 20181128; KR 20207014993 A 20181128; US 201816761405 A 20181128