

Title (en)

ELECTRICAL MACHINE WITH CONTACT CONNECTORS

Title (de)

ELEKTRISCHE MASCHINE MIT KONTAKTANSCHLÜSSEN

Title (fr)

MACHINE ÉLECTRIQUE AVEC CONNECTEURS PAR CONTACT

Publication

EP 2789077 A1 20141015 (FR)

Application

EP 12797912 A 20121206

Priority

- FR 1161417 A 20111209
- EP 2012074631 W 20121206

Abstract (en)

[origin: WO2013083688A1] The invention relates to an electrical machine with permanent magnets comprising a housing containing a stator winding with at least two phase outputs, said electrical machine comprising at least one electrical connector fixed to each phase output of the winding, a cover comprising at least two contactors and connected to an electrical harness, each electrical connector having a contact surface intended to cooperate with a contact element, the machine being such that when the cover is installed on the housing, each contactor of the cover is in contact with a contact surface of an electrical connector and the electrical machine is connected to the electrical harness.

IPC 8 full level

H02K 5/22 (2006.01); **H02K 3/50** (2006.01); **H02K 15/00** (2006.01)

CPC (source: EP US)

H01R 4/18 (2013.01 - US); **H02K 3/50** (2013.01 - EP US); **H02K 5/225** (2013.01 - EP US); **H02K 11/0094** (2013.01 - US);
H02K 15/0062 (2013.01 - EP US); **H02K 15/0068** (2013.01 - US); **H02K 15/0435** (2013.01 - US); **H02K 15/12** (2013.01 - US);
H02K 2203/06 (2013.01 - US); **Y10T 29/49009** (2015.01 - EP US)

Citation (search report)

See references of WO 2013083688A1

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

DOCDB simple family (publication)

WO 2013083688 A1 20130613; CN 103975512 A 20140806; CN 103975512 B 20160831; EP 2789077 A1 20141015; FR 2984036 A1 20130614;
FR 2984036 B1 20140808; JP 2015501125 A 20150108; US 2014354086 A1 20141204

DOCDB simple family (application)

EP 2012074631 W 20121206; CN 201280060595 A 20121206; EP 12797912 A 20121206; FR 1161417 A 20111209;
JP 2014545254 A 20121206; US 201214363863 A 20121206