

Title (en)
ELECTRICAL DRIVE UNIT

Title (de)
ELEKTRISCHE ANTRIEBSEINHEIT

Title (fr)
UNITÉ D'ENTRAÎNEMENT ÉLECTRIQUE

Publication
EP 2067239 A1 20090610 (DE)

Application
EP 07788121 A 20070801

Priority
• EP 2007057951 W 20070801
• DE 102006043318 A 20060915

Abstract (en)
[origin: WO2008031672A1] The present invention relates to an electrical drive unit with an electric motor and a transmission, wherein the motor has a rotor shaft (6), to which a rotor (10) and a commutator (11) are fitted in a manner fixed against rotation, wherein a commutator sliding contact (23) is provided in order to make contact with the commutator (11), and wherein an electrical connection is provided between an electrical terminal (18) and the commutator sliding contact (23). According to the invention, one cable and one special step in the manufacturing process are dispensed with by virtue of the fact that the electrical connection runs via the rotor shaft (6).

IPC 8 full level
H02K 5/22 (2006.01); **H02K 5/14** (2006.01); **H02K 7/116** (2006.01)

CPC (source: EP KR US)
B60S 1/08 (2013.01 - KR); **H02K 5/225** (2013.01 - EP US); **H02K 7/14** (2013.01 - KR); **H02K 13/00** (2013.01 - KR);
H02K 5/148 (2013.01 - EP US); **H02K 7/1163** (2013.01 - EP US)

Citation (search report)
See references of WO 2008031672A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
WO 2008031672 A1 20080320; BR PI0712055 A2 20120110; CN 101517869 A 20090826; DE 102006043318 A1 20080327;
EP 2067239 A1 20090610; JP 2010503378 A 20100128; KR 20090054991 A 20090601; US 2009167105 A1 20090702;
US 7675215 B2 20100309

DOCDB simple family (application)
EP 2007057951 W 20070801; BR PI0712055 A 20070801; CN 200780034010 A 20070801; DE 102006043318 A 20060915;
EP 07788121 A 20070801; JP 2009527762 A 20070801; KR 20097005218 A 20090313; US 29343007 A 20070801