

Title (en)

COMMUTATOR ROTOR OF AN ELECTRICAL MACHINE AND PROCEDURE FOR ITS MANUFACTURE

Title (de)

KOMMUTATOR- ROTOR EINER ELEKTRISCHEN MASCHINE SOWIE VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)

ROTOR A COLLECTEUR D'UNE MACHINE ELECTRIQUE AINSI QUE PROCEDE POUR SA FABRICATION

Publication

EP 2016651 A1 20090121 (DE)

Application

EP 07724253 A 20070414

Priority

- EP 2007003315 W 20070414
- DE 102006021696 A 20060510

Abstract (en)

[origin: WO2007128379A1] A rotor exhibits a carbon commutator (4). For the manufacture of the rotor, an insulating support (9) is positioned on the rotor shaft (1). The insulating support (9) features lugs (13), around which the winding ends (8) of the rotor coils (3) are wound; after removal of the insulation, the winding ends (8) are provided with an electrically conductive adhesive. The commutator (4) is then put on the lugs (13) with the winding ends (8). By means of this process, the winding ends (8) are mechanically and electrically directly connected to the corresponding commutator segments.

IPC 8 full level

H01R 39/32 (2006.01); **H01R 39/04** (2006.01); **H01R 39/06** (2006.01); **H01R 39/16** (2006.01); **H02K 13/04** (2006.01)

CPC (source: EP US)

H02K 13/04 (2013.01 - EP US); **Y10T 29/49011** (2015.01 - EP US)

Citation (search report)

See references of WO 2007128379A1

Designated contracting state (EPC)

CZ DE FR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

DE 102006021696 A1 20071115; **DE 102006021696 B4 20140424**; BR PI0711359 A2 20110927; CN 101490912 A 20090722; CN 101490912 B 20110119; EP 2016651 A1 20090121; HK 1130954 A1 20100108; JP 2009536512 A 20091008; MX 2008014328 A 20081127; RU 2008143454 A 20100620; US 2009091209 A1 20090409; WO 2007128379 A1 20071115

DOCDB simple family (application)

DE 102006021696 A 20060510; BR PI0711359 A 20070414; CN 200780026327 A 20070414; EP 07724253 A 20070414; EP 2007003315 W 20070414; HK 09108635 A 20090922; JP 2009508153 A 20070414; MX 2008014328 A 20070414; RU 2008143454 A 20070414; US 26770208 A 20081110