

Title (en)

ROTOR FOR AN ELECTRICAL MOTOR AND METHOD FOR PRODUCING THE SAME

Title (de)

ROTOR FÜR EINEN ELEKTROMOTOR UND VERFAHREN ZUM HERSTELLEN DES ROTORS

Title (fr)

ROTOR POUR MOTEUR ELECTRIQUE ET PROCEDE PERMETTANT DE LE PRODUIRE

Publication

**EP 1000457 A1 20000517 (DE)**

Application

**EP 99910140 A 19990215**

Priority

- DE 9900412 W 19990215
- DE 19823851 A 19980528
- DE 19826886 A 19980617

Abstract (en)

[origin: US6300704B1] A rotor for an electric motor includes a commutator and a rotor shaft with a rotor winding that is contained in a rotor body supported on the rotor shaft in a rotationally fixed manner. The commutator has commutator lamellas that are disposed axially next to one another in the circumference direction with an insulation gap and have connection lugs for attachment of connecting wires of the rotor winding. In a region between the commutator and the rotor body, an additional winding is wound around the connecting wires in order to fix or stabilize the connecting wires. The rotor is provided for electric motors used in vehicle construction.

IPC 1-7

**H02K 13/04**; **H02K 15/12**

IPC 8 full level

**H02K 3/51** (2006.01); **H02K 13/04** (2006.01); **H02K 15/12** (2006.01)

CPC (source: EP US)

**H02K 13/04** (2013.01 - EP US); **H02K 15/12** (2013.01 - EP US); **Y10T 29/49012** (2015.01 - EP US)

Citation (search report)

See references of WO 9962166A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**US 6300704 B1 20011009**; EP 1000457 A1 20000517; JP 2002517154 A 20020611; WO 9962166 A1 19991202

DOCDB simple family (application)

**US 46335500 A 20000127**; DE 9900412 W 19990215; EP 99910140 A 19990215; JP 2000551474 A 19990215