

Title (en)

Wet DC motor

Title (de)

Nasslaufender Gleichstrommotor

Title (fr)

Moteur à courant continu à rotor immergé

Publication

**EP 1111735 A3 20021127 (DE)**

Application

**EP 00120623 A 20000921**

Priority

DE 19962363 A 19991223

Abstract (en)

[origin: EP1111735A2] A commutator (2) is made from carbons bars (5). Carbon brushes (3) have a brush running surface (6) corrugated in the direction of their rotation. The brush running surface has a radius mismatch. The carbon brushes are loaded against the commutator by springs (4).

IPC 1-7

**H01R 39/26**; **H02K 23/18**

IPC 8 full level

**H01R 39/04** (2006.01); **H01R 39/26** (2006.01)

CPC (source: EP US)

**H01R 39/045** (2013.01 - EP US); **H01R 39/26** (2013.01 - EP US)

Citation (search report)

- [XY] DE 29802144 U1 19980402 - CARBONE AG [DE]
- [YA] US 2206366 A 19400702 - REDMOND ALBERT G
- [YA] DE 19533031 A1 19960704 - TEVES GMBH ALFRED [DE]
- [A] US 5808394 A 19980915 - BRUHN RAINER [DE]
- [DA] DE 2531483 A1 19770120 - PIERBURG AUTOGERAETEBAU KG

Cited by

WO2004093296A1; CN106486874A; CN100365918C; US7362029B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 1111735 A2 20010627**; **EP 1111735 A3 20021127**; DE 19962363 A1 20010628; US 2001006315 A1 20010705; US 6552466 B2 20030422

DOCDB simple family (application)

**EP 00120623 A 20000921**; DE 19962363 A 19991223; US 74562400 A 20001221