

Title (en)  
Electrical machine with brush holder

Title (de)  
Elektrische Maschine mit Bürstenhalter

Title (fr)  
Machine électrique avec porte-balais

Publication  
**EP 1311039 A3 20070822 (DE)**

Application  
**EP 02023434 A 20021019**

Priority  
DE 10155225 A 20011109

Abstract (en)  
[origin: EP1311039A2] A three-phase alternator has a rotor with a sliding contact (SC) and a brush holder to cooperate with a carbon brush (CB) (16) to supply power to the rotor with its SC. The CB moves on-axis in a tube (17) and is pressurized by a coil spring (18) prestressed behind it in the tube. A connector flex (20) for the CB is fed through the coil spring and firmly connected at its outer end (20a) with a connector part (22) leaving a gap away from the longitudinal axis of the tube. <?>An Independent claim is also included for a brush holder for a three-phase alternator for motor vehicles.

IPC 8 full level  
**H01R 39/38** (2006.01); **H01R 39/40** (2006.01)

CPC (source: EP)  
**H01R 39/383** (2013.01); **H01R 39/40** (2013.01)

Citation (search report)

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Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

Designated extension state (EPC)  
AL LT LV MK RO SI

DOCDB simple family (publication)  
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