

Title (en)  
Motor brush holder with multilayer brushes

Title (de)  
Kommutatormotor mit Mehrschicht-Bürsten

Title (fr)  
Collecteur de moteur avec balais multicouche

Publication  
**EP 0715395 B1 19960724 (DE)**

Application  
**EP 94118526 A 19941124**

Priority  
EP 94118526 A 19941124

Abstract (en)  
[origin: EP0715395A1] The motor has sections (4-6) of the conductive ring around the commutator hub (7) sepd. by radial insulating bars (8,9) and contacted by tangential outer edges (1.1,2.1) of the brush sections (1,2) which are bonded together with an intermediate layer (3) of harder insulating material. During running-in the spacing (3.2) between the end of the insulating layer and the contact surface is established by curvature of the brush surface to a smaller radius. The edges of the brushes are worn away until their entire surface comes into contact with the ring.

IPC 1-7  
**H02K 5/14**

IPC 8 full level  
**H01R 39/18** (2006.01)

CPC (source: EP)  
**H01R 39/18** (2013.01)

Cited by  
US2018145568A1; DE102014214221A1; GB2405535A; GB2405535B; DE102014214221B4

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DE FR IT

DOCDB simple family (publication)  
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DOCDB simple family (application)  
**EP 94118526 A 19941124**; DE 59400459 T 19941124; SK 146795 A 19951123; TR 9501211 A 19951004