

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

Designated contracting state (EPC)
DE FR IT

DOCDB simple family (publication)
EP 0715395 A1 19960605; EP 0715395 B1 19960724; DE 59400459 D1 19960829; SK 146795 A3 19961106; SK 284110 B6 20040908; TR 199501211 A2 19960721

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