

Title (en)
A simplified method for producing brushes

Title (de)
Vereinfachtes Verfahren zur Herstellung von Bürsten

Title (fr)
Procédé simplifié de fabrication de balais

Publication
EP 0627795 B1 19970122 (FR)

Application
EP 94420158 A 19940602

Priority
FR 9306962 A 19930604

Abstract (en)
[origin: EP0627795A1] The method for producing a brush (10) for an electric motor, comprising a wear block (20) and a connection braid (4), comprises a step a) in which a powder mixture comprising a conductive powder coated with a binder is prepared, a step b) in which the mixture is moulded in a mould with incorporation of the said braid, in order to form a green (unfired) brush, and a step c) in which the said green brush is fired, and is characterized in that, so as to obtain a brush to the final dimensions directly, at least one mixture M1 is prepared at step a), this mixture comprising a distillation binder L and at least one powder P1 of graphite in the form of solid particles having an average thickness less than 25 μ m and having a high form factor F1 (ratio of the large dimension to the small dimension), this average form factor being greater than 5. <IMAGE>

IPC 1-7
H01R 39/20; **H01R 39/36**

IPC 8 full level
H01R 39/20 (2006.01); **H01R 39/36** (2006.01); **H01R 43/12** (2006.01); **H02K 13/00** (2006.01)

CPC (source: EP US)
H01R 39/20 (2013.01 - EP US); **H01R 39/36** (2013.01 - EP US); **H01R 43/12** (2013.01 - EP US)

Cited by
EP1351348A1; US6758881B2

Designated contracting state (EPC)
DE ES FR GB IT NL SE

DOCDB simple family (publication)
EP 0627795 A1 19941207; **EP 0627795 B1 19970122**; BR 9402172 A 19950307; CN 1034842 C 19970507; CN 1104807 A 19950705; DE 69401533 D1 19970306; DE 69401533 T2 19970528; FR 2706089 A1 19941209; FR 2706089 B1 19950728; JP 3390759 B2 20030331; JP H077893 A 19950110; TR 28536 A 19960930; US 5441683 A 19950815

DOCDB simple family (application)
EP 94420158 A 19940602; BR 9402172 A 19940603; CN 94108871 A 19940604; DE 69401533 T 19940602; FR 9306962 A 19930604; JP 12273994 A 19940603; TR 53494 A 19940601; US 25118394 A 19940531