

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  $\mu\text{m}$  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>

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