

Title (en)  
Electric motor brush holder.

Title (de)  
Bürstenhalter eines Elektromotors.

Title (fr)  
Porte-balais pour moteur électrique.

Publication  
**EP 0044113 A1 19820120 (EN)**

Application  
**EP 81200790 A 19810709**

Priority  
US 16877380 A 19800711

Abstract (en)  
A brush holder (31) for an electric motor comprising a tube member (31) which is provided with an opening at one end through which an electrode (30) slides. A compression spring (35) is held between the electrode and an abutment at the rear end of the tube. At least a pair of opposite side walls (44, 45) of the tube are generally cylindrically curved to define the area in which the compression spring is contained. The cylindrically curved side walls are slit at (50, 51) at a point spaced from but adjacent the open end from which the electrode projects leaving a pair of short axial length, flat parallel walls (52, 53) adjacent the open end. The rear edges of the short walls extend across the curved tube at the front of the spring. The rear edges of the short walls furnish a stop for the spring and prevent it from being ejected from the tube. The electrode is attached to the spring at (36).

IPC 1-7  
**H01R 39/40**

IPC 8 full level  
**H01R 39/40** (2006.01); **H02K 13/00** (2006.01)

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

Citation (search report)  
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CH DE FR GB IT SE

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