

Title (en)

CARBON BRUSH FOR AN ELECTRIC MACHINE

Title (de)

KOHLEBÜRSTE FÜR EINE ELEKTRISCHE MASCHINE

Title (fr)

BALAI DE CHARBON POUR UNE MACHINE ELECTRIQUE

Publication

**EP 1747606 B1 20080123 (DE)**

Application

**EP 05729618 A 20050304**

Priority

- EP 2005050984 W 20050304
- DE 102004023398 A 20040512

Abstract (en)

[origin: WO2005112205A1] The invention relates to a carbon brush (22, 22.1, 22.2, 22.3) for an electric machine (10), which is designed to be pivotally mounted on a brush holder (24, 56) of said machine (10). To this end, the carbon brush (22, 22.1, 22.2, 22.3) is provided with a bearing section (30, 42) for pivotally mounting said brush (22, 22.1, 22.2, 22.3), said section taking the form of a bore (30) or a cylindrical section (42). The advantage of said configuration is that the position of the carbon brush (22, 22.1, 22.2, 22.3) does not alter to a significant extent in relation to the commutator (20), even during extreme fluctuations in temperature. In addition, the carbon brush (22, 22.1, 22.2, 22.3) can be easily positioned in a brush holder (24, 56), thus ensuring an accurate allocation to the commutator.

IPC 8 full level

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