

Title (en)
Carbon brush

Title (de)
Kohlebürste

Title (fr)
Balai en charbon

Publication
EP 0723318 A3 19961113 (DE)

Application
EP 96104231 A 19930722

Priority
• DE 9211524 U 19920902
• EP 93111727 A 19930722

Abstract (en)
[origin: EP0585591A1] A carbon brush (10) is proposed which has a box-shaped or cylindrical geometry with side or end surfaces in which a current-carrying (live) braided cable (12) is arranged as well as an indicating braided cable (28) which extends in the longitudinal direction of the carbon brush. The indicating braided cable is arranged and fixed in position by means of a section (26) of a recess (30), such as a hole, which preferably runs in the longitudinal direction of the carbon brush, in order to produce a signal to indicate a specific carbon brush wear level, by interacting with a commutator or slipring. In order to ensure that the indicating braided cable is fixed in position unambiguously but without being stressed, it is surrounded by a sleeve (32) having a circumferential edge (34) which, for its part, rests against a step (36) on the recess. <IMAGE>

IPC 1-7
H01R 39/58

IPC 8 full level
H01R 39/58 (2006.01); **H01R 39/38** (2006.01)

CPC (source: EP)
H01R 39/58 (2013.01); **H01R 39/383** (2013.01)

Citation (search report)
• [Y] DE 4034030 A1 19920430 - SCHUNK KOHLENSTOFFTECHNIK GMBH [DE]
• [A] DE 2128457 A1 19711230 - LORRAINE CARBONE
• [A] DE 2461374 A1 19760708 - RHEINISCHE KOHLEBUERSTENFABRIK
• [Y] PATENT ABSTRACTS OF JAPAN vol. 7, no. 80 (E - 168) 2 April 1983 (1983-04-02)

Cited by
DE102012209216A1; JP2015524243A; EP2099102A1; WO2013178791A1

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EP 0585591 A1 19940309; EP 0585591 B1 19970305; AT E149750 T1 19970315; AT E185455 T1 19991015; DE 59305574 D1 19970410; DE 59309829 D1 19991111; EP 0723318 A2 19960724; EP 0723318 A3 19961113; EP 0723318 B1 19991006

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