

Title (en)
Modular brush holder

Title (de)
Modularer Bürstenhalter

Title (fr)
PORTE-BALAIS MODULAIRE

Publication
EP 2571115 A1 20130320 (EN)

Application
EP 11181549 A 20110916

Priority
EP 11181549 A 20110916

Abstract (en)
A brush holder for holding a contact brush to contact a slipring is disclosed. It has a housing made of an insulating material and enclosed therein at least one metal insert for holding the contact brush. The metal insert has a rectangular cross-section and is made of one piece of metal sheet defining three sidewalls to hold the contact brush at three sides. Furthermore the insert has a spring element at the fourth side to assert side pressure to the brush. The length of the spring element is larger than the partial length of the contact brush within the metal insert.

IPC 8 full level
H01R 39/38 (2006.01); **H01R 39/40** (2006.01)

CPC (source: EP)
H01R 39/385 (2013.01); **H01R 39/40** (2013.01); **H01R 39/381** (2013.01)

Citation (applicant)
• US 5220588 A 19930615 - DEUCHER JOSEPH S [US], et al
• EP 0358812 A1 19900321 - SIEMENS AG [DE]
• DE 102009034884 A1 20110203 - SCHUNK KOHLENSTOFFTECHNIK GMBH [DE]

Citation (search report)
• [X] JP S6363593 U 19880426
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• [XD] DE 102009034884 A1 20110203 - SCHUNK KOHLENSTOFFTECHNIK GMBH [DE]
• [X] WO 2008022631 A1 20080228 - TEMIC AUTO ELECTR MOTORS GMBH [DE], et al
• [A] GB 2195835 A 19880413 - JOHNSON ELECTRIC IND MFG
• [A] GB 2433651 A 20070627 - BOSCH GMBH ROBERT [DE]
• [A] JP S62163542 A 19870720 - HITACHI LTD

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CN114498230A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2571115 A1 20130320; EP 2571115 B1 20180815

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