

Title (en)  
Carbon brush for transferring high currents

Title (de)  
Kohlebürste zur Übertragung hoher Ströme

Title (fr)  
Brosse à charbon pour le transfert de flux élevés

Publication  
**EP 2192660 A3 20130327 (DE)**

Application  
**EP 09174288 A 20091028**

Priority  
DE 102008059478 A 20081128

Abstract (en)  
[origin: EP2192660A2] The carbon brush has a connecting unit (11) for connecting an electrical conductor and a contact part (12) has contact surfaces (14,16) formed for arrangement at a commutator (15). The connection unit and the contact part are formed into each other in a layer transition zone (13) oriented perpendicular to an abrasion direction of the carbon brush. The connection unit and the contact part form molded body in integrated manner.

IPC 8 full level  
**H01R 39/20** (2006.01)

CPC (source: EP US)  
**H01R 39/20** (2013.01 - EP US); **H01R 39/36** (2013.01 - EP US)

Citation (search report)

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- [A] DE 102006006313 A1 20070816 - SCHUNK KOHLENSTOFFTECHNIK GMBH [DE]
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- [A] DE 4430745 A1 19950309 - LORRAINE CARBONE [FR]
- [A] DE 1926203 A1 19691127 - MORGANITE CARBON LTD
- [A] DE 10344717 A1 20050224 - KAESDORF WOLFGANG [DE]

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Designated contracting state (EPC)  
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 SE SI SK SM TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**EP 2192660 A2 20100602; EP 2192660 A3 20130327; EP 2192660 B1 20160127**; AU 2009233633 A1 20100617; AU 2009233633 B2 20141002; CN 101783473 A 20100721; DE 102008059478 A1 20100602; DE 102008059478 B4 20150730; DK 2192660 T3 20160425; ES 2568500 T3 20160429; HU E027766 T2 20161028; US 2010133951 A1 20100603; US 8847463 B2 20140930

DOCDB simple family (application)  
**EP 09174288 A 20091028**; AU 2009233633 A 20091102; CN 200910246022 A 20091120; DE 102008059478 A 20081128; DK 09174288 T 20091028; ES 09174288 T 20091028; HU E09174288 A 20091028; US 62593009 A 20091125