

Title (en)  
Isolating brush guide

Title (de)  
Isolierende Kohlebürstenführung

Title (fr)  
Guide-balais isolant

Publication  
**EP 1524738 B1 20061129 (DE)**

Application  
**EP 04022219 A 20040917**

Priority  
DE 10347764 A 20031014

Abstract (en)  
[origin: EP1524738A1] The carbon brush guide (5) is made of aluminium which is covered with an insulating aluminium oxide layer (6,7) at least on the side facing the multi-layer carbon brush (1), e.g. an artificially produced eloxal layer with a thickness of between 5 and 30 microns, used for absorption of heat radiation. Also included are Independent claims for the following: (A) a current transfer device with a carbon brush guide; (B) a carbon brush for a current transfer device; (C) a dynamoelectric machine; (D) a manufacturing method for a carbon brush guide.

IPC 8 full level  
**H01R 39/38** (2006.01); **H01R 39/40** (2006.01); **H01R 39/24** (2006.01)

CPC (source: EP US)  
**H01R 39/388** (2013.01 - EP US); **H01R 39/40** (2013.01 - EP US); **H01R 39/24** (2013.01 - EP US)

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DE102014214221A1; DE102014214221B4

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 1524738 A1 20050420**; **EP 1524738 B1 20061129**; AT E347185 T1 20061215; CN 100481650 C 20090422; CN 1607704 A 20050420; DE 10347764 A1 20050512; DE 502004002158 D1 20070111; US 2005156478 A1 20050721; US 7514836 B2 20090407

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