

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

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DOCDB simple family (publication)
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EP 04022219 A 20040917; AT 04022219 T 20040917; CN 200410088153 A 20041014; DE 10347764 A 20031014; DE 502004002158 T 20040917; US 96551104 A 20041014