

Title (en)

CARBON BRUSH FOR ELECTRICAL MACHINE

Title (de)

KOHLENSTOFFBÜRSTE FÜR EINE ELEKTRISCHE MASCHINE

Title (fr)

BALAI DE CARBONE POUR MACHINE ELECTRIQUE

Publication

**EP 1662640 B1 20160824 (EN)**

Application

**EP 04772954 A 20040906**

Priority

- JP 2004013272 W 20040906
- JP 2003312561 A 20030904

Abstract (en)

[origin: EP1662640A1] An electromechanical carbon brush 1 applied against a conductive rotating body 2 has a brush base material which is a material made of an aggregate including carbon as at least one (1) ingredient and of a binder, the electromechanical carbon brush 1 containing 0.2 to 10 % by weight of a water-soluble lubricant, 0.2 to 3 % by weight of fluorine denatured silicone oil or 0.2 to 10 % by weight of the water-soluble lubricant and a metallic compound, relative to the brush base material.

IPC 8 full level

**H01R 39/20** (2006.01); **H01R 39/22** (2006.01); **H01R 39/26** (2006.01)

CPC (source: EP KR)

**H01R 39/20** (2013.01 - EP KR); **H01R 43/12** (2013.01 - KR)

Citation (examination)

- DE 4204680 C1 19930429
- JP 2002056944 A 20020222 - TOTAN KAKO KK

Cited by

US10199789B2; DE102015205735A1; EA030914B1; US2016240989A1; EP3054570A4; US10109969B2; WO2014207047A1

Designated contracting state (EPC)

AT DE IT SI

DOCDB simple family (publication)

**EP 1662640 A1 20060531**; **EP 1662640 A4 20061227**; **EP 1662640 B1 20160824**; CN 100388600 C 20080514; CN 1701487 A 20051123; KR 101011999 B1 20110131; KR 20060113346 A 20061102; WO 2005025035 A1 20050317

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