

Title (en)

Method of fabricating carbon brushes and carbon brushes made according to said method

Title (de)

Verfahren zur Herstellung von Kohlebürsten und nach diesem Verfahren hergestellte Kohlebürsten

Title (fr)

Procédé de fabrication de balais de charbon et balais de charbon faits par ce procédé

Publication

**EP 1713148 A1 20061018 (DE)**

Application

**EP 05007934 A 20050412**

Priority

EP 05007934 A 20050412

Abstract (en)

The method involves processing a pulverulent composition having carbon powder and thermoplastic binder at a temperature above a melting point of the binder to obtain a mixture having the powder and the binder. The mixture is optically milled and sieved and is compression molded to provide a desired shape. The shaped mixture is thermally treated at the temperature above the point and below a decomposition temperature of the binder. An independent claim is also included for a carbon brush.

IPC 8 full level

**H01R 43/12** (2006.01); **H01R 39/26** (2006.01)

CPC (source: EP)

**H01R 39/26** (2013.01); **H01R 43/12** (2013.01)

Citation (search report)

- [AD] DE 19900024 A1 20000706 - CARBONE AG [DE]
- [A] EP 1280217 A2 20030129 - MATSUSHITA ELECTRIC IND CO LTD [JP]
- [A] DE 2836045 A1 19800228 - BOSCH GMBH ROBERT
- [A] US 3716609 A 19730213 - NICKOLS R, et al

Cited by

DE102017131340A1; DE102015205735A1; WO2016156112A1; FR2927626A1; CN107431323A; WO2011107378A1; US9525258B2; WO2019129628A1; EP2681812B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

**EP 1713148 A1 20061018; EP 1713148 B1 20071114**; AT E378711 T1 20071115; DE 502005001969 D1 20071227; WO 2006108568 A1 20061019

DOCDB simple family (application)

**EP 05007934 A 20050412**; AT 05007934 T 20050412; DE 502005001969 T 20050412; EP 2006003181 W 20060407