

Title (en)

Impregnated carbon brush for conducting electrical current

Title (de)

Imprägnierte Bürste aus Kohlenstoff für das Übertragen elektrischen Stromes

Title (fr)

Balai en carbone imprégné pour la transmission de courant électrique

Publication

**EP 0930675 A3 20010221 (DE)**

Application

**EP 98121048 A 19981106**

Priority

DE 19752864 A 19971128

Abstract (en)

[origin: DE19752864A1] Brush for transporting electrical current contains an inorganic material(s) that changes its crystalline structure in the region of its melt, sublimation or decomposition range dependent on the temperature. Brush made of carbon or a hydrocarbon filler and a binder matrix for transporting electrical current contains an inorganic material(s) that changes its crystalline structure in the region of its melt, sublimation or decomposition range dependent on the temperature. An Independent claim is included for the manufacture of the above brush by impregnating the porous brush material with a solution or liquid comprising a material(s) that changes its crystalline structure in the region of its melt, sublimation or decomposition range dependent on the temperature and removing the solvent or liquid component.

IPC 1-7

**H01R 39/22**; **H01R 43/12**

IPC 8 full level

**H01R 39/26** (2006.01); **H01R 39/22** (2006.01); **H01R 39/24** (2006.01); **H01R 43/12** (2006.01)

CPC (source: EP)

**H01R 39/22** (2013.01); **H01R 43/12** (2013.01)

Citation (search report)

- [A] DE 4204680 C1 19930429
- [A] US 3594455 A 19710720 - POLOVOI BORIS VASILIEVICH, et al
- [A] US 3756911 A 19730904 - KANEMARU T, et al
- [A] DE 1072914 B
- [A] US 3580824 A 19710525 - CURREY JOHN E, et al

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**DE 19752864 A1 19990602**; CZ 367498 A3 19990714; EP 0930675 A2 19990721; EP 0930675 A3 20010221; PL 329963 A1 19990607

DOCDB simple family (application)

**DE 19752864 A 19971128**; CZ 367498 A 19981112; EP 98121048 A 19981106; PL 32996398 A 19981127