

Title (en)

Pitch-based carbon fibers and their production method.

Title (de)

Pechbasierte Kohlenstoffasern und Verfahren zu deren Herstellung.

Title (fr)

Fibres de carbone à base de brai et leur méthode de production.

Publication

EP 0276840 B1 19940629 (EN)

Application

EP 88101195 A 19880127

Priority

- JP 1750987 A 19870128
- JP 21922487 A 19870903

Abstract (en)

[origin: EP0276840A2] Pitch-based carbon fibers on which silicone type spin finish oils are remained in the amount of 0.1 - 2.0% by weight of said fibers and having a stack height of graphitic layers Lc (002) of 16 - 28 ANGSTROM , a graphitic interlayer spacing distance d002 of 3.46 - 3.49 ANGSTROM , a tensile strength of 5 - 50 Kg/mm<2> and an elongation of 0.3 - 8.0% are provided. They show good cohesiveness and lubricity of bundles and superior in adaptation to various kinds of processes.

IPC 1-7

D01F 9/145

IPC 8 full level

D06M 15/643 (2006.01); **D01F 9/14** (2006.01); **D01F 9/145** (2006.01); **D01F 11/10** (2006.01); **D01F 11/14** (2006.01); **D06M 101/00** (2006.01); **D06M 101/40** (2006.01)

CPC (source: EP)

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