

Title (en)

Pitch-based carbon fiber.

Title (de)

Pechbasierte Kohlenstoffaser.

Title (fr)

Fibre de carbone à base de brai.

Publication

**EP 0481762 A2 19920422 (EN)**

Application

**EP 91309540 A 19911016**

Priority

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Abstract (en)

A high thermal conductivity pitch-based carbon fiber is characterised by having a thermal conductivity in the axial direction of fiber of 300 to 1500 W/m/K, a ratio of stack height (Lc 002) of the crystalline structure of the fiber/density ( rho ) of 70 to 500, a degree of agglutination of 0 to 30%, and a compressive strength of 0.2 to 0.5 GPa. A method of producing high thermal conductivity pitch-based carbon fiber is also disclosed.

IPC 1-7

**D01F 9/145**

IPC 8 full level

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CPC (source: EP)

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