

Title (en)

Pitch-based carbon fiber.

Title (de)

Pechbasierte Kohlenstoffaser.

Title (fr)

Fibre de carbone à base de brai.

Publication

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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.

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D01F 9/145

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