

Title (en)

Pitch based carbon fibers.

Title (de)

Auf Peck basierte Kohlenstoffasern.

Title (fr)

Fibres de carbone à base de brai.

Publication

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Application

EP 90121410 A 19901108

Priority

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Abstract (en)

The present invention resides in carbon fibers essentially consisting of liquid crystal pitch based continuous monofilaments having an average filament diameter of 20 μ m or greater. The carbon fibers of the present invention can have modulus of elasticity of 80,000 Kgf/mm² or greater and tensile strength of 200 Kgf/mm² or greater. The carbon fibers of the present invention can be used as a multifilament fiber consisting of plural monofilaments as in case of conventional carbon fibers but it is particularly preferable that a number of constituting monofilaments is one.

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