

Title (en)
PITCH BASED CARBON FIBERS

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Application
EP 90121410 A 19901108

Priority
JP 29922689 A 19891117

Abstract (en)
[origin: EP0428944A2] 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 Kg/mm² or greater and tensile strength of 200 Kg/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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D01F 9/145

IPC 8 full level
D01F 9/14 (2006.01); **D01F 9/145** (2006.01)

CPC (source: EP)
D01F 9/145 (2013.01)

Citation (search report)

- [X] EP 0338212 A2 19891025 - DU PONT [US]
- [X] US 4005183 A 19770125 - SINGER LEONARD SIDNEY

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