

Title (en)  
POLYACRYLONITRILE-BASED CARBON FIBER AND PROCESS FOR PRODUCING THE SAME

Publication  
**EP 0098025 A3 19860326 (EN)**

Application  
**EP 83200964 A 19830628**

Priority  
US 39339282 A 19820629

Abstract (en)  
[origin: EP0098025A2] A polyacrylonitrile-based carbon fiber having both high Young's modulus and high tensile strength is disclosed along with a method for producing the same. The fiber is produced by winding an infusibilized polyacrylonitrile fiber onto a stable bobbin, carbonizing the fiber on the bobbin and subjecting the carbonized fiber to a heat treatment in a threadline operation.

IPC 1-7  
**D01F 9/22**

IPC 8 full level  
**D01F 9/22** (2006.01)

CPC (source: EP)  
**D01F 9/22** (2013.01)

Citation (search report)

- [X] FR 2009894 A1 19700213 - COURTAULDS LTD [GB]
- [A] FR 1558690 A 19690228
- [X] FR 1581203 A 19690912
- [A] DE 2130600 A1 19721228 - CELANESE CORP

Cited by  
JP2010229573A

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DE FR GB IT NL

DOCDB simple family (publication)  
**EP 0098025 A2 19840111; EP 0098025 A3 19860326; EP 0098025 B1 19890524;** CA 1181555 A 19850129; DE 3379907 D1 19890629; JP H0213046 B2 19900403; JP S5953720 A 19840328

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**EP 83200964 A 19830628;** CA 429671 A 19830603; DE 3379907 T 19830628; JP 11528283 A 19830628