

Title (en)  
PITCH-BASED CARBON FIBERS AND THEIR PRODUCTION METHOD

Publication  
**EP 0276840 A3 19910807 (EN)**

Application  
**EP 88101195 A 19880127**

Priority  
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Abstract (en)  
[origin: EP0276840A2] Pitch-based carbon fibers on which silicone type spin finish oils are remained in the amount of 0.1 - 2.0% by weight of said fibers and having a stack height of graphitic layers Lc (002) of 16 - 28 ANGSTROM , a graphitic interlayer spacing distance d002 of 3.46 - 3.49 ANGSTROM , a tensile strength of 5 - 50 Kg/mm<2> and an elongation of 0.3 - 8.0% are provided. They show good cohesiveness and lubricity of bundles and superior in adaptation to various kinds of processes.

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**D01F 9/14**

IPC 8 full level  
**D06M 15/643** (2006.01); **D01F 9/14** (2006.01); **D01F 9/145** (2006.01); **D01F 11/10** (2006.01); **D01F 11/14** (2006.01); **D06M 101/00** (2006.01); **D06M 101/40** (2006.01)

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

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• [X] GB 2169920 A 19860723 - NIPPON OIL CO LTD  
• [X] EP 0133457 A1 19850227 - MITSUBISHI CHEM IND [JP]  
• [E] EP 0297702 A2 19890104 - TOA NENRYO KOGYO KK [JP]  
• [XP] CHEMICAL ABSTRACTS, vol. 107, no. 18, November 1987, page 105, abstract no. 156254z, Columbus, Ohio, US; & JP-A-62 177 220 (MITSUBISHI CHEMICAL INDUSTRIES CO., LTD) 04-08-1987

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