

Title (en)

MESOPHASE PITCH, PROCESSES FOR ITS PRODUCTION AND FIBERS PRODUCED THEREFROM

Publication

EP 0026647 B1 19850522 (EN)

Application

EP 80303384 A 19800926

Priority

US 7989179 A 19790928

Abstract (en)

[origin: EP0026647A1] There is disclosed a mesophase pitch containing at least about 70% by weight mesophase produced by physical operations without chemical operations on a carbonaceous precursor pitch. The mesophase pitch features a molecular weight distribution wherein at least 75% of the molecules have a molecular weight in the range of from about 600 to about 1300; less than about 10% of the molecules have a molecular weight less than about 600; and less than about 15% of the molecules have a molecular weight more than about 1300. There are also disclosed processes for the production of such a mesophase pitch. The mesophase pitch is useful in producing carbon filter and fibers produced from the pitch of the invention are also disclosed.

IPC 1-7

C10C 3/00; **D01F 9/14**

IPC 8 full level

C10C 3/02 (2006.01); **C10C 3/00** (2006.01); **C10C 3/08** (2006.01); **D01F 9/14** (2006.01); **D01F 9/145** (2006.01); **D01F 9/15** (2006.01)

CPC (source: EP)

C10C 3/00 (2013.01); **D01F 9/145** (2013.01)

Cited by

EP0120698A3; EP0072242A3; EP0119100A3; EP0076427A1; EP0066477A3; US5540832A; US5540903A; GB2168996A; EP0113382A1; US5540905A; GB2156378A; DE3330575A1; FR2532322A1; WO2019240949A1; WO8602952A3; WO9211341A1; WO9324590A1; WO2022154984A1

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

EP 0026647 A1 19810408; **EP 0026647 B1 19850522**; DE 3070671 D1 19850627; JP H0157715 B2 19891207; JP S5657881 A 19810520

DOCDB simple family (application)

EP 80303384 A 19800926; DE 3070671 T 19800926; JP 13363480 A 19800925