

Title (en)
PROCESS FOR PRODUCING PITCH-DERIVED CARBON FIBERS

Publication
EP 0340475 A3 19911002 (EN)

Application
EP 89106179 A 19890407

Priority
JP 8815488 A 19880412

Abstract (en)
[origin: EP0340475A2] A process for producing pitch-derived carbon fibers from pitch fibers produced by melt-spinning a carbonaceous pitch, which comprises adding a polyoxyethylene alkyl ether of the following formula [I]: $R-O @ @CH_2CH_2O @ @ H [I]$ wherein R represents an aliphatic hydrocarbon having 8 to 12 carbon atoms and n represents an integer of 3 to 9, as an emulsifier in an amount of 1 to 12 wt. %, based on an amino-modified silicone oil, to this oil having a molecular weight of 500 to 5,000 and an amine value of 2 to 15 to obtain an aqueous silicone emulsion and then applying the thus obtained emulsion to the pitch fibers when or before bundling the pitch fibers thereby adhering said oil to the pitch fibers in an amount of 0.01 to 0.8 wt. % based on the fibers.

IPC 1-7
D01F 9/14

IPC 8 full level
D06M 15/643 (2006.01); **D01F 9/14** (2006.01); **D01F 9/145** (2006.01); **D01F 9/24** (2006.01); **D01F 11/10** (2006.01); **D01F 11/14** (2006.01); **D06M 13/02** (2006.01); **D06M 13/165** (2006.01); **D06M 101/00** (2006.01); **D06M 101/12** (2006.01); **D06M 101/40** (2006.01)

CPC (source: EP)
D01F 9/145 (2013.01); **D01F 9/24** (2013.01)

Citation (search report)
• [X] EP 0159120 A1 19851023 - TAKEMOTO OIL & FAT CO LTD [JP]
• [X] EP 0157499 A1 19851009 - TAKEMOTO OIL & FAT CO LTD [JP]

Cited by
FR2694770A1; CN114787434A; EP4023811A4

Designated contracting state (EPC)
DE FR

DOCDB simple family (publication)
EP 0340475 A2 19891108; EP 0340475 A3 19911002; JP H01260020 A 19891017; JP H0742613 B2 19950510

DOCDB simple family (application)
EP 89106179 A 19890407; JP 8815488 A 19880412