

Title (en)

Process for producing pitch-derived carbon fibers.

Title (de)

Verfahren zum Herstellen von Kohlenstoffasern aus Pech.

Title (fr)

Procédé de production de fibres de carbone à partir de brai.

Publication

EP 0340475 A2 19891108 (EN)

Application

EP 89106179 A 19890407

Priority

JP 8815488 A 19880412

Abstract (en)

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]: $\text{R-O} @ @ \text{CH}_2\text{CH}_2\text{O} @ @ \text{H}$ [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

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DE FR

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