

Title (en)

Method for surface treatment of carbon fibers.

Title (de)

Verfahren zum Oberflächenbehandeln von Kohlenstoffasern.

Title (fr)

Méthode pour le traitement de surface de fibres de carbone.

Publication

EP 0551864 A1 19930721 (EN)

Application

EP 93100330 A 19930112

Priority

JP 454992 A 19920114

Abstract (en)

The present invention provides a method for surface treatment of carbon fibers which comprises allowing an alkali metal nitrate to adhere to carbon fibers in an amount of 0.01-5% by weight based on the weight of the carbon fibers and then heat treating the carbon fibers in the air at a temperature between at least the melting point or at least the decomposition temperature of the alkali metal nitrate and lower than 500 DEG C.

IPC 1-7

D01F 11/12

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [X] US 3627570 A 19711214 - CASS ROBERT A, et al
- [X] EP 0267995 A1 19880525 - TOA NENRYO KOGYO KK [JP]

Cited by

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DOCDB simple family (publication)

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