

Title (en)

Process for producing non-woven fabrics of high bulk density carbon fibers.

Title (de)

Verfahren zur Herstellung von aus Kohlenstoffasern bestehenden Vliesstoffen mit hochbauschiger Dichte.

Title (fr)

Procédé de production d'étoffes en fibres de carbone non tissées et à densité d'une grande voluminosité.

Publication

**EP 0330181 A2 19890830 (EN)**

Application

**EP 89103092 A 19890222**

Priority

JP 4197488 A 19880226

Abstract (en)

A process for producing non-woven fabrics having a high bulk density, uniform porosity and little characteristic of so-called interlayer detachment are provided by subjecting an infusibilized sheet of pitch fibers to a heat treatment at a temperature higher than the softening temperature of the pitch fibers and lower than the softening temperature plus 300 DEG C, while applying a pressure to the surface of said sheet substantially in the vertical direction thereof.

IPC 1-7

**C04B 30/02; C04B 35/52; D01F 9/145; D04H 1/54**

IPC 8 full level

**D01F 9/14** (2006.01); **D04H 1/4242** (2012.01); **D04H 3/002** (2012.01)

CPC (source: EP)

**D04H 1/54** (2013.01)

Cited by

EP0439184A3; US5254396A; US8580169B2; US10273610B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 0330181 A2 19890830; EP 0330181 A3 19900516; JP H01221556 A 19890905**

DOCDB simple family (application)

**EP 89103092 A 19890222; JP 4197488 A 19880226**