

Title (en)  
Carbon fibers and non-woven fabrics

Title (de)  
Kohlenstoffasern und nichtgewebte Textilmaterialien

Title (fr)  
Fibres de carbone et non-tissés

Publication  
**EP 0387829 B1 19960117 (EN)**

Application  
**EP 90104808 A 19900314**

Priority  
JP 6076889 A 19890315

Abstract (en)  
[origin: EP0387829A2] The mesophase pitch based and melt blown discontinuous carbon fibers of a peculiar structure are provided. These fibers are characterized in that a large number of small domains, each domain has an average equivalent diameter of from 0.03  $\mu\text{m}$  to 1  $\mu\text{m}$  and has a nearly uniform orientation of carbon layers, assemble to form a mosaic structure on the cross-section of the said carbon fibers and that the orientation of the carbon layers is observed to be essentially random or radial on the whole of the cross-section of the said carbon fibers.

IPC 1-7  
**D01F 9/145**

IPC 8 full level  
**D01F 9/145** (2006.01)

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

Cited by  
EP0543147A1; US5283113A; WO2005024981A3

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**EP 0387829 A2 19900919; EP 0387829 A3 19911002; EP 0387829 B1 19960117; DE 69024832 D1 19960229; DE 69024832 T2 19960704**

DOCDB simple family (application)  
**EP 90104808 A 19900314; DE 69024832 T 19900314**