

Title (en)
Non-woven material.

Title (de)
Verbundvliesmaterial.

Title (fr)
Matériau non tissé.

Publication
EP 0403840 B1 19940119 (DE)

Application
EP 90110183 A 19900529

Priority
DE 3920066 A 19890620

Abstract (en)
[origin: EP0403840A1] Non-woven material composed of at least two components, namely essentially endless, molecularly oriented coarse filaments having relatively large diameters and essentially hardly molecularly oriented discontinuous fine microfibrils having relatively small diameters. In departure from previous practice, the non-woven material does not have a layered structure with a phase boundary between the individual layers of the respective components. On the contrary, the material consists of a mixture of the coarse filaments with the fine microfibrils, so that not only the filaments but also the microfibrils extend, and are distributed, across the entire width of the cross-section of the material. <IMAGE>

IPC 1-7
D04H 5/06

IPC 8 full level
B01D 39/16 (2006.01); **D04H 3/00** (2006.01); **D04H 5/00** (2006.01); **D04H 5/06** (2006.01)

CPC (source: EP)
D04H 5/06 (2013.01)

Cited by
EP1424412A1; EP0822284A3; US5700254A; US5876388A; WO9923285A1; WO2004088026A1; KR100552031B1; WO2004048649A1; WO9212281A1

Designated contracting state (EPC)
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EP 90110183 A 19900529; AT 90110183 T 19900529; DE 3920066 A 19890620; DE 59004282 T 19900529; ES 90110183 T 19900529; JP 16117890 A 19900618