

Title (en)

Method of producing a non woven sheet comprising continuous filaments bonded together and sheet thus obtained

Title (de)

Herstellverfahren für eine Vliesstofflage aus gebundenen Filamenten und so hergestellte Balm

Title (fr)

Procédé de fabrication d'une nappe de non-tissé constituée de filaments continus liés entre eux et nappe ainsi obtenue

Publication

EP 0694644 A1 19960131 (FR)

Application

EP 94440050 A 19940729

Priority

- EP 94440050 A 19940729
- FR 9304919 A 19930422
- ZA 945637 A 19940729

Abstract (en)

Non-woven sheet of continuous interconnected filaments is produced from bi-constituted filaments of less than 4 dtex comprising two interconnected elemental filament components of different polymers. Differential shrinkage is imparted to the filaments to produce a curl frequency of 3-30 curls per cm., 50-400 percent filament bunching and formation of a non-woven sheet weighing 10-400 grams per metre. The sheet is subjected to water jets at a pressure of 50-300 X 10 Pa to interface and entangle the curled filaments and separate the interconnected elemental filament components from each other. The resulting non-woven sheet is specifically claimed. <IMAGE>

Abstract (fr)

La présente invention concerne un procédé de fabrication d'une nappe de non-tissé constituée de filaments continus liés entre eux, ainsi qu'une nappe ainsi obtenue. Procédé caractérisé en ce qu'il consiste à réaliser une nappe de non-tissé à partir de filaments biconstitués présentant une frisure, puis à soumettre ladite nappe à des jets de fluide sous haute pression, dont l'action mécanique entraîne un enchevêtrement et un entrelacement des filaments frisés constituant ladite nappe. <IMAGE>

IPC 1-7

D04H 1/44

IPC 8 full level

D04H 1/4391 (2012.01); **D04H 1/44** (2006.01); **D04H 1/492** (2012.01); **D04H 3/009** (2012.01); **D04H 3/011** (2012.01); **D04H 3/018** (2012.01); **D04H 3/02** (2006.01); **D04H 3/11** (2012.01)

CPC (source: EP US)

D04H 1/43918 (2020.05 - EP US); **D04H 1/492** (2013.01 - EP US); **D04H 3/009** (2013.01 - EP US); **D04H 3/011** (2013.01 - EP US); **D04H 3/018** (2013.01 - EP US); **D04H 3/02** (2013.01 - EP US); **D04H 3/11** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)

US 5355565 A 19941018; AT E186578 T1 19991115; DE 69421612 D1 19991216; DE 69421612 T2 20010503; DE 69421612 T3 20041104; DE 694644 T1 19961212; DK 0694644 T3 20000515; EP 0694644 A1 19960131; EP 0694644 B1 19991110; EP 0694644 B2 20040310; ES 2141812 T3 20000401; FR 2705698 A1 19941202; FR 2705698 B1 19950630; GR 3032596 T3 20000531; PT 694644 E 20000428; SI 0694644 T1 20000430

DOCDB simple family (application)

US 5336793 A 19930428; AT 94440050 T 19940729; DE 69421612 T 19940729; DE 94440050 T 19940729; DK 94440050 T 19940729; EP 94440050 A 19940729; ES 94440050 T 19940729; FR 9304919 A 19930422; GR 20000400294 T 20000209; PT 94440050 T 19940729; SI 9430302 T 19940729