

Title (en)

NONWOVEN MATERIAL WITH ELASTIC PROPERTIES, RELATED PRODUCTION METHOD AND DEVICE THEREFOR

Title (de)

VLIESMATERIAL MIT ELASTISCHEN EIGENSCHAFTEN, VERFAHREN ZU SEINER HERSTELLUNG UND VORRICHTUNG ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

MATIERE NON TISSEE A PROPRIETES ELASTIQUES, PROCEDE DE PRODUCTION ASSOCIE ET DISPOSITIF POUR REALISER CE PROCEDE

Publication

**EP 1554420 A2 20050720 (DE)**

Application

**EP 03809307 A 20031022**

Priority

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Abstract (en)

[origin: WO2004038078A2] The invention concerns a nonwoven material with elastic properties in one direction. Said material comprises either a multilayer composite, whereof one layer at least has elastic polymer fibers or filaments, or a homogeneous mixture of fibers and filament, whereof part of the fibers is made of elastic polymer, a greater proportion of the fibers or filaments being oriented by heat input in a direction transverse to the direction of elasticity of the nonwoven material. The invention also concerns a method for producing said nonwoven material and a device for implementing said method.

IPC 1-7

**D04H 1/70**; **B32B 5/02**; **B32B 27/02**; **D06C 3/00**; **D06C 3/06**; **B32B 31/14**

IPC 8 full level

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IPC 8 main group level

**D04H** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2004038078A2

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**WO 2004038078 A2 20040506**; **WO 2004038078 A3 20040715**; AU 2003276145 A1 20040513; AU 2003276145 B2 20080508; CA 2500119 A1 20040506; DE 10249431 A1 20040519; EP 1554420 A2 20050720; JP 2006503994 A 20060202; MX PA05003601 A 20050930; US 2006052023 A1 20060309

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