

Title (en)
Reinforcing textile for stiffening fabrics, manufacturing process and applications

Title (de)
Verstärkungseinlage und zugehörige Herstellungsverfahren und Anwendungen

Title (fr)
Support textile pour le renforcement d'un vêtement ou de pièces de vêtement , procédé de fabrication d'un tel support textile, ses applications

Publication
EP 0937801 A1 19990825 (FR)

Application
EP 99400381 A 19990217

Priority
FR 9802080 A 19980220

Abstract (en)
The garment interlining fabric (1) has a non woven layer (2) reinforced by one or more knitted layers (2) with floating stitches (3) in floats (4) extending over two or more wales (5). The floats (4) are formed in each row (6) of stitches, or one row in two or more. Each float (4) covers two wales (5) or three or four wales or more. The fabric has a number of short wefts, along the line of the floats, and form part of the stitches. The wefts are mono- or multi filaments, smooth or textured, of natural or synthetic or artificial fibers. A second knitted layer, with floating stitches, has the floats covering at least two wales, placed over the first knitted layer. The yarns in the second knitted layer have a composition and/or thickness which is the same as or different from the yarns in the first knitted layer. The floats in the second layer are the same as or differ from those in the first layer. Textured yarns are of unified multi filaments of 1-35 decitex with 6-150 filaments. The non woven layer (2) is of fibers or continuous filaments of natural materials such as wool or cellulose, synthetic or artificial fibers. The fibers or filaments for the non woven layer (2) have a thickness ≥ 1 decitex, or they are micro fibers or micro filaments with a thickness of ≤ 1 decitex. The non woven layer (2) has a weight of 15-100 g/m². The knitted layers have a stitch density of 2-20 stitches/cm. The knitted yarns are treated in a shrinking stage with a stretch of 4-20% after shrinking. The fabric surface is treated with a heat-setting adhesive. The adhesive is deposited in dots, double dots or lines. An Independent claim is included for a manufacturing process where a non woven layer is reinforced with warp knitting to give at least one knitted layer (3) with floating stitches covering at least two wales. The combined fabric (1) is shrunk, and a heat-setting adhesive is applied to at least one surface.

Abstract (fr)
L'invention se rapporte à un support textile (1) pour le renforcement d'un vêtement ou de pièces de vêtement, se présentant sous la forme d'une couche de textile non-tissé (2) renforcé par au moins un tricot à mailles jetées (3) présentant des jetés entre les colonnes (5) de mailles. L'invention concerne également un procédé de fabrication d'un tel support textile (1), ainsi que ses applications pour le renfort de vêtements ou de pièces de vêtement. <IMAGE>

IPC 1-7
D04B 21/14; **D06M 17/04**; **A41D 27/06**; **D04H 1/52**; **D04H 1/45**

IPC 8 full level
A41D 27/06 (2006.01); **D04B 21/14** (2006.01); **D04H 1/45** (2006.01); **D04H 1/52** (2006.01); **D04H 13/00** (2006.01)

CPC (source: EP KR US)
A41D 27/06 (2013.01 - EP US); **D04B 21/14** (2013.01 - KR); **D04B 21/165** (2013.01 - EP US); **D04H 1/45** (2013.01 - EP US); **D04H 1/52** (2013.01 - EP US); **D04H 13/00** (2013.01 - EP US); **D10B 2401/04** (2013.01 - EP); **Y10T 442/45** (2015.04 - EP US); **Y10T 442/456** (2015.04 - EP US); **Y10T 442/463** (2015.04 - EP US); **Y10T 442/494** (2015.04 - EP US)

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Designated contracting state (EPC)
AT BE DE DK ES FR GB IE IT LU NL

DOCDB simple family (publication)
EP 0937801 A1 19990825; **EP 0937801 B1 20031217**; AT E256778 T1 20040115; AU 2524999 A 19990906; BR 9907996 A 20001024; CA 2262270 A1 19990820; CN 1291244 A 20010411; DE 69913586 D1 20040129; DE 69913586 T2 20040930; ES 2212482 T3 20040716; FR 2775300 A1 19990827; FR 2775300 B1 20000421; KR 20010041106 A 20010515; PL 189693 B1 20050930; PL 342540 A1 20010618; TR 200002401 T2 20010122; US 6281150 B1 20010828; WO 9942645 A1 19990826; ZA 991317 B 19990819

DOCDB simple family (application)
EP 99400381 A 19990217; AT 99400381 T 19990217; AU 2524999 A 19990217; BR 9907996 A 19990217; CA 2262270 A 19990219; CN 99803174 A 19990217; DE 69913586 T 19990217; ES 99400381 T 19990217; FR 9802080 A 19980220; FR 9900355 W 19990217; KR 20007009147 A 20000819; PL 34254099 A 19990217; TR 200002401 T 19990217; US 25147799 A 19990217; ZA 991317 A 19990218