

Title (en)

Reinforcement material for outerwear and its application.

Title (de)

Einlage zur Verstärkung von Oberbekleidungsstücken und ihre besondere Anwendung.

Title (fr)

Textile de renfort pour vêtements de dessus et son utilisation.

Publication

**EP 0514563 B1 19950201 (DE)**

Application

**EP 91108151 A 19910521**

Priority

EP 91108151 A 19910521

Abstract (en)

[origin: US5241709A] The invention concerns an interfacing for stiffening outer garments which is formed from a composite of a nonwoven textile (19), a warp knit fabric with synthetic multifilament threads and weft threads (20). The composite according to the invention contains a loosely bonded nonwoven fabric (19) of fibre count 1 to 5 dtex and weight class 30 to 150 g/m<sup>2</sup>, a warp knit fabric of warp thread count 20 to 80 dtex, set of the warp 40 to 70 threads per 10 cm and fibre count 1 to 3.5 dtex and resilient weft threads (20) incorporated into each stitch course of the warp knit fabric of thread count 300 to 2000 dtex, set of the weft 70 to 130 threads/10 cm and, for a fibre proportion in excess of 50% by weight, a fibre count of 7 to 60 dtex. Said interfacing may be used as a backing panel interfacing or as an additional stiffening panel interfacing of garments in the region of the shoulder, armhole and shoulder area or even as a component of shoulder pads or for stiffening sleeves of outer garments in the rounded area at the top of the arm. (FIG. 2 ).

IPC 1-7

**A41D 27/06**; **D04B 21/14**

IPC 8 full level

**A41D 31/02** (2006.01); **A41D 27/06** (2006.01); **A41D 31/00** (2006.01); **D03D 1/00** (2006.01); **D04B 21/14** (2006.01); **D04B 23/10** (2006.01); **D04H 3/04** (2006.01); **D04H 3/10** (2006.01)

CPC (source: EP US)

**A41D 27/06** (2013.01 - EP US); **D04B 21/165** (2013.01 - EP US); **D10B 2403/02411** (2013.01 - EP US); **Y10T 428/24818** (2015.01 - EP US); **Y10T 428/249982** (2015.04 - EP US); **Y10T 428/249987** (2015.04 - EP US); **Y10T 442/463** (2015.04 - EP US); **Y10T 442/494** (2015.04 - EP US)

Cited by

DE19636722C2; EP0842618A1; AU717612B2; EP0644287A1; FR2710078A1; US5688558A; TR27985A; WO9707698A1; WO9817134A1; WO2017032480A1; EP0828019A2; US6242372B1; LT4604B

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL

DOCDB simple family (publication)

**EP 0514563 A1 19921125**; **EP 0514563 B1 19950201**; AT E117879 T1 19950215; CN 1066967 A 19921216; DE 59104504 D1 19950316; ES 2070366 T3 19950601; HK 151495 A 19950929; JP 2620463 B2 19970611; JP H05214630 A 19930824; US 5241709 A 19930907

DOCDB simple family (application)

**EP 91108151 A 19910521**; AT 91108151 T 19910521; CN 92103664 A 19920514; DE 59104504 T 19910521; ES 91108151 T 19910521; HK 151495 A 19950921; JP 15119692 A 19920520; US 88005992 A 19920507