

Title (en)

USE OF A NON-WOVEN MICRO-FILAMENT FABRIC FOR SPORTS APPAREL WITH UV PROTECTION

Title (de)

VERWENDUNG EINES MIKROFILAMENT-VLIESSTOFFES ALS SPORTBEKLEIDUNG MIT UV-SCHUTZ

Title (fr)

UTILISATION D'UN NON-TISSE EN MICRO-FILAMENTS COMME VETEMENT DE SPORT AVEC PROTECTION UV

Publication

EP 1251755 A2 20021030 (DE)

Application

EP 00988720 A 20001117

Priority

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- EP 0011463 W 20001117

Abstract (en)

[origin: WO0148278A2] The invention relates to sports apparel consisting of a microfilament nonwoven fabric having a weight of 40 to 180 g/m² and a water vapour permeability index of $\text{imt} > 0.3$. The nonwoven fabric consists of melt-spun, drafted endless filaments that consist of several components and are directly placed to form a nonwoven, whereby the titre amounts to 1.5 to 5 dtex. After optional pre-bonding, at least 80 % of the endless filaments that consist of several components are split to form micro-endless filaments having a titre of 0.1 to 0.8 dtex and are bonded.

IPC 1-7

A41D 13/00; **A41D 31/00**; **D04H 3/16**; **D04H 3/10**

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 0148278A2

Cited by

AU2013220719B2; WO2013120599A1

Designated contracting state (EPC)

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WO 0148278 A2 20010705; **WO 0148278 A3 20011227**; AU 2506701 A 20010709; CN 1211033 C 20050720; CN 1413088 A 20030423; DE 19962361 A1 20010712; DE 50007160 D1 20040826; EP 1251755 A2 20021030; EP 1251755 B1 20040721; ES 2222265 T3 20050201

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