

Title (en)

Allergy protecting fabric, use and method for its production

Title (de)

Allergieprotektivegewebe, Verfahren zur Herstellung sowie die Verwendung

Title (fr)

Tissu protégeant contre les allergies, utilisation et procédé de fabrication

Publication

EP 2363518 A1 20110907 (EN)

Application

EP 10425054 A 20100303

Priority

EP 10425054 A 20100303

Abstract (en)

In a fabric (1) comprising a first and a second plurality of yarns (2,3) woven in a weft and warp configuration, the warp is produced with a first yarn (2) comprising filaments formed of a plurality of fibres, having a count below 1.0 den/fibre, the sum of said fibres providing a filament having dtex between 45 and 170 and the weft is produced with a second yarn (3) comprising multi-filament threads having a count between 40 and 80 dtex. Said fabric has anti-allergen barrier properties, in particular against mites, and is used for said purpose.

IPC 8 full level

D03D 15/00 (2006.01)

CPC (source: EP US)

D03D 15/283 (2021.01 - EP US); **D03D 15/33** (2021.01 - EP); **D03D 15/47** (2021.01 - EP US); **D03D 15/49** (2021.01 - EP); **D10B 2331/02** (2013.01 - EP); **D10B 2331/04** (2013.01 - EP); **D10B 2401/13** (2013.01 - EP); **D10B 2503/06** (2013.01 - EP)

Citation (applicant)

- EP 1251759 A1 20021030 - FREUDENBERG CARL KG [DE]
- US 6815382 B1 20041109 - GROTEN ROBERT [FR], et al
- WO 2008072278 A2 20080619 - FARE SPA [IT], et al

Citation (search report)

- [X] WO 0136735 A1 20010525 - MILLIKEN & CO [US], et al
- [E] EP 2174562 A1 20100414 - TEIJIN FIBERS LTD [JP]
- [X] JP 2003213541 A 20030730 - TORAY INDUSTRIES

Cited by

CN116219733A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA ME RS

DOCDB simple family (publication)

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