

Title (en)
Elastic fabric

Title (de)
Elastischer Stoff

Title (fr)
Etoffe élastique

Publication
EP 2208817 A1 20100721 (EN)

Application
EP 09000762 A 20090120

Priority
EP 09000762 A 20090120

Abstract (en)
An elastic fabric, of the type comprising a warp knit fabric with synthetic fiber and elastomer fiber yarns, the yarn (1) of the weft of first bar of the machine being formed by an elastomer and the yarn (2) of the warp or second bar of the machine is formed by a synthetic fiber, the fabric comprising the yarn (1) with a 3-1-1/0-2-2// weave and the yarn (2) with a 1-2-1/1-0-1// weave, the yarning for both yarns (1 and 2) being all full, where the weave between the yarns (1 and 2) of the fabric forms parallel and resistant four-yarn strands (3) by means of consecutive loops in a longitudinal direction of said fabric, these strands (3) being configured by the two parallel yarns and the turn thereof, the yarns (1 and 2) being alternately arranged coming out of the loop in a transverse and diagonal direction with respect to said strands (3) of loops, thus forming a hybrid mesh of extensible and resistant yarns with improved tension and which does not roll up when it is subjected to traction.

IPC 8 full level
D04B 21/18 (2006.01)

CPC (source: EP)
D04B 21/18 (2013.01); **D10B 2403/0114** (2013.01)

Citation (applicant)
ES 200601425 U 20060616

Citation (search report)
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• [Y] US 2005288417 A1 20051229 - HUTTE STEPHAN [DE], et al
• [Y] EP 1008682 A1 20000614 - FIRSTER CO LTD [JP]
• [Y] ANDREA BÖHRINGER ET AL.: "Antimikrobielle Textilien", INTERNATIONAL TEXTILE BULLETIIN, vol. 5/2000, 1 October 2000 (2000-10-01), CH-8952 Schlieren-Zürich, Schweiz, pages 12 - 32, XP002547717

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IT202000007186A1; IT202000007198A1; EP3380190A4; US9878175B2; WO2017091511A1; US9408419B2

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 TR

Designated extension state (EPC)
AL BA RS

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