

Title (en)
TWO-SIDED ELASTIC FABRIC WITH GRIPPING PROPERTIES

Title (de)
ELASTISCHES DOPPELSEITIGES GEWEBE MIT HAFTEIGENSCHAFTEN

Title (fr)
TISSU ÉLASTIQUE BIFACE À PROPRIÉTÉS AGRIPPANTES

Publication
EP 3699340 B1 20211124 (FR)

Application
EP 20158472 A 20200220

Priority
FR 1901813 A 20190222

Abstract (en)
[origin: US2020275744A1] A double-face fabric having elastic properties in its warp direction and provided with hook-and-loop properties, formed by the weaving of warp yarns and of weft yarns. The warp yarns are of four different types worked in different weaves with respect to the weft yarns, respectively: elastic yarns (A) worked in a taffeta weave; core yarns (B), formed of synthetic yarns texturized by false twist on the face, worked in a plain weave alternating with surface floats and having a linear strand density in the range from 10 to 25 dtex; core yarns (C) on the back side, formed of multifilament synthetic yarns, having a linear strand density in the range from 0.3 to 1.7 dtex, worked in a rep weave, alternating floats of great length on the back side and short binding areas on the face side, binding yarns, exclusively formed of thermo-adhesive synthetic yarns, having a melting point in the range from 80° C. to 160° C., worked in a plain weave.

IPC 8 full level
D03D 15/283 (2021.01); **D03D 15/56** (2021.01); **D03D 1/00** (2006.01); **D03D 5/00** (2006.01); **D03D 13/00** (2006.01); **D03D 15/47** (2021.01); **D03D 15/49** (2021.01); **D03D 15/587** (2021.01)

CPC (source: EP US)
A44B 18/0084 (2013.01 - US); **D03D 1/00** (2013.01 - EP US); **D03D 5/00** (2013.01 - EP); **D03D 13/004** (2013.01 - EP US); **D03D 15/283** (2021.01 - EP US); **D03D 15/47** (2021.01 - EP US); **D03D 15/49** (2021.01 - EP US); **D03D 15/56** (2021.01 - EP US); **D03D 15/587** (2021.01 - EP); **A41B 2400/82** (2013.01 - EP); **A44B 18/0023** (2013.01 - US); **D10B 2331/02** (2013.01 - EP US); **D10B 2331/10** (2013.01 - EP); **D10B 2401/041** (2013.01 - EP); **D10B 2401/061** (2013.01 - EP); **D10B 2501/0632** (2013.01 - EP); **Y10T 428/24008** (2015.01 - US)

Citation (examination)
• EP 1593764 B1 20080213 - FANTEX L EXTRA SOUPLE [FR]
• EP 0670383 B1 19980513 - ANTOINE BERTHEAS & CIE ETS [FR]

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 3699340 A1 20200826; **EP 3699340 B1 20211124**; ES 2902604 T3 20220329; FR 3093113 A1 20200828; FR 3093113 B1 20210129; US 11542639 B2 20230103; US 2020275744 A1 20200903

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