

Title (en)
WOVEN FABRIC

Title (de)
WEBSTOFF

Title (fr)
ÉTOFFE TISSÉE

Publication
EP 3385419 B1 20200624 (EN)

Application
EP 16870822 A 20161202

Priority
• JP 2015236198 A 20151203
• JP 2016085908 W 20161202

Abstract (en)
[origin: EP3385419A1] An object of the present invention is to provide a woven fabric that hardly causes yarn slippage due to friction, is excellent in abrasion resistance, has a smooth surface, and is excellent in touch feeling. The present invention provides a woven fabric including a warp and a weft, at least one of the warp and the weft being at least partially a fiber (M) that is a monofilament 1, a fiber (N) crossing the fiber (M) being at least partially a multifilament 2, the woven fabric satisfying either one of the following (1) and (2): (1) the monofilament 1 is fused to the multifilament 2, and the woven fabric satisfies both the following (A) and (B) : $1.0 \leq a/L \leq 1.5$ $0.5 \leq h/b \leq 1.0$ and (2) the monofilament 1 is not fused to the multifilament 2, and the woven fabric satisfies both the following (C) and (D) : $1.0 \leq a/L \leq 1.5$ $0.7 \leq h/b \leq 1.0$ a: length of the multifilament 2 in a cross section thereof in a direction of woven fabric surface; b: length of the multifilament 2 in a cross section thereof in a direction of woven fabric thickness; L: center-to-center distance between filaments of the multifilament 2 adjacent across the fiber (M); and h: crimp height of the monofilament 1.

IPC 8 full level
D03D 15/00 (2006.01); **D03D 1/00** (2006.01); **D03D 13/00** (2006.01)

CPC (source: EP US)
D03D 1/0041 (2013.01 - US); **D03D 13/008** (2013.01 - US); **D03D 15/283** (2021.01 - EP US); **D03D 15/47** (2021.01 - EP US);
D03D 1/04 (2013.01 - US); **D10B 2331/04** (2013.01 - US)

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3385419 A1 20181010; **EP 3385419 A4 20190522**; **EP 3385419 B1 20200624**; CN 108291335 A 20180717; CN 108291335 B 20200327;
ES 2809129 T3 20210303; JP 2017101355 A 20170608; JP 6582939 B2 20191002; US 2018363171 A1 20181220;
WO 2017094887 A1 20170608

DOCDB simple family (application)
EP 16870822 A 20161202; CN 201680069301 A 20161202; ES 16870822 T 20161202; JP 2015236198 A 20151203;
JP 2016085908 W 20161202; US 201615780500 A 20161202