

Title (en)  
FABRIC AND FIBER PRODUCT

Title (de)  
STOFF UND FASERPRODUKT

Title (fr)  
TISSU ET PRODUIT EN FIBRES

Publication  
**EP 3192908 A4 20170816 (EN)**

Application  
**EP 15837488 A 20150826**

Priority  
• JP 2014179211 A 20140903  
• JP 2014186421 A 20140912  
• JP 2015074013 W 20150826

Abstract (en)  
[origin: EP3192908A1] In order to provide a fabric and a fiber product, which have hygroscopicity and durability as well as flame retardancy, a hydrophilizing agent is added to a fabric containing aramid fibers.

IPC 8 full level  
**D03D 15/00** (2006.01); **D03D 11/00** (2006.01); **D03D 15/12** (2006.01); **D06M 15/27** (2006.01); **D06M 15/507** (2006.01); **D06M 15/53** (2006.01); **D06M 15/564** (2006.01); **D06M 15/568** (2006.01); **D06M 15/643** (2006.01); **D06M 15/647** (2006.01); **D06M 101/32** (2006.01); **D06M 101/36** (2006.01)

CPC (source: EP KR RU US)  
**A41D 13/00** (2013.01 - RU); **A41D 31/08** (2019.02 - EP US); **D02G 3/047** (2013.01 - US); **D03D 1/0035** (2013.01 - EP US); **D03D 11/00** (2013.01 - KR US); **D03D 15/283** (2021.01 - KR); **D03D 15/37** (2021.01 - KR); **D03D 15/513** (2021.01 - EP KR RU US); **D03D 15/533** (2021.01 - KR); **D06M 15/27** (2013.01 - EP KR RU US); **D06M 15/507** (2013.01 - EP KR US); **D06M 15/53** (2013.01 - EP RU US); **D06M 15/564** (2013.01 - KR); **D06M 15/568** (2013.01 - EP US); **D06M 15/59** (2013.01 - US); **D06M 15/6436** (2013.01 - EP US); **D06M 15/647** (2013.01 - EP US); **D06P 3/8214** (2013.01 - KR); **D06M 2101/36** (2013.01 - EP US); **D06M 2200/30** (2013.01 - US); **D10B 2331/021** (2013.01 - EP US); **D10B 2331/04** (2013.01 - EP US); **D10B 2401/022** (2013.01 - KR); **D10B 2401/04** (2013.01 - KR); **D10B 2401/16** (2013.01 - EP KR US); **D10B 2501/04** (2013.01 - KR)

Citation (search report)  
• [I] WO 2014018221 A1 20140130 - DRIFIRE LLC [US]  
• [XI] CN 101570940 A 20091104 - UNIV JIANGNAN [CN]  
• See also references of WO 2016035638A1

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US11359309B2; US11767618B2

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3192908 A1 20170719**; **EP 3192908 A4 20170816**; **EP 3192908 B1 20180926**; AU 2015313044 A1 20170420; BR 112017003977 A2 20171212; BR 112017003977 B1 20220208; CA 2960129 A1 20160310; CA 2960129 C 20220726; CN 106661783 A 20170510; CN 106661783 B 20190212; ES 2703347 T3 20190308; JP 6388659 B2 20180912; JP WO2016035638 A1 20170427; KR 20170047241 A 20170504; RU 2017110597 A 20181003; RU 2017110597 A3 20181003; RU 2671648 C2 20181106; TW 201629286 A 20160816; TW I675137 B 20191021; US 2017292210 A1 20171012; WO 2016035638 A1 20160310

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