

Title (en)
FLAME RESISTANT FABRIC

Title (de)
FLAMMWIDRIGER STOFF

Title (fr)
TISSU ININFLAMMABLE

Publication
EP 3245320 A1 20171122 (EN)

Application
EP 16703639 A 20160108

Priority
• US 201562102332 P 20150112
• US 2016012586 W 20160108

Abstract (en)
[origin: WO2016114984A1] Flame resistant fabrics made from yarns of cellulose fiber, polyamide fiber, and oxidized polymeric biregional fiber are provided. The fabrics comprise about 20 to about 90 percent by weight of cellulose fiber, about 3 to about 45 percent by weight of polyamide fiber and about 5 to about 35 percent by weight of an oxidized polymeric biregional fiber comprising an oxidized polymer selected from the group consisting of acrylonitrile-based homopolymers, acrylonitrile- based copolymers, acrylonitrile-based terpolymers, and combinations thereof.

IPC 8 full level
D03D 1/00 (2006.01); **D03D 15/00** (2006.01); **D03D 15/12** (2006.01)

CPC (source: EP KR RU US)
D03D 1/00 (2013.01 - RU); **D03D 1/0035** (2013.01 - EP KR US); **D03D 15/47** (2021.01 - EP KR RU US); **D03D 15/513** (2021.01 - EP KR RU US); **D10B 2201/02** (2013.01 - EP KR US); **D10B 2201/24** (2013.01 - EP KR US); **D10B 2321/10** (2013.01 - EP US); **D10B 2321/101** (2013.01 - KR US); **D10B 2331/02** (2013.01 - EP US); **D10B 2331/021** (2013.01 - EP KR US)

Citation (search report)
See references of WO 2016114984A1

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)
WO 2016114984 A1 20160721; BR 112017014915 A2 20180313; CN 107567510 A 20180109; EP 3245320 A1 20171122; EP 3245320 B1 20200506; IL 253404 A0 20170928; JP 2018502230 A 20180125; KR 20170104539 A 20170915; MX 2017009135 A 20180219; RU 2017128454 A 20190214; RU 2017128454 A3 20190717; RU 2705605 C2 20191111; US 2018274136 A1 20180927

DOCDB simple family (application)
US 2016012586 W 20160108; BR 112017014915 A 20160108; CN 201680015353 A 20160108; EP 16703639 A 20160108; IL 25340417 A 20170710; JP 2017555424 A 20160108; KR 20177022002 A 20160108; MX 2017009135 A 20160108; RU 2017128454 A 20160108; US 201615542094 A 20160108