

Title (en)  
HEAT-RESISTANT FABRIC

Title (de)  
HITZEBESTÄNDIGES GEWEBE

Title (fr)  
TISSU RÉSISTANT À LA CHALEUR

Publication  
**EP 2940202 A4 20151223 (EN)**

Application  
**EP 13869555 A 20131227**

Priority  
• JP 2012287423 A 20121228  
• JP 2013085353 W 20131227

Abstract (en)  
[origin: EP2940202A1] Provided is a heat-resistant fabric made of a meta-type wholly aromatic polyamide fiber, characterized in that the abrasion resistance of the heat-resistant fabric in accordance with the JIS L1096 8.19.1 A-1 method (universal type method (plane method), abrasion tester press load: 4.45 N (0.454 kf), paper: #600) is 200 rubs or more, the tear strength of the heat-resistant fabric in accordance with the JIS L1096 8.17.4 D method (pendulum method) is 20 N or more, and the retention of the abrasion resistance and the retention of the tear strength after 100 washes in accordance with JIS L0844 No. A-1 are each 90% or more relative to before washing. As a result, the provided heat-resistant fabric can be dyed to a color chosen from a wide range of color options and is capable of maintaining high mechanical characteristics over time/age even after repeated uses or washes, etc.

IPC 8 full level  
**D03D 15/00** (2006.01); **D01F 6/80** (2006.01); **D01F 6/90** (2006.01); **D03D 1/00** (2006.01); **D03D 15/12** (2006.01)

CPC (source: EP US)  
**D01F 6/805** (2013.01 - EP US); **D03D 1/0035** (2013.01 - EP US); **D03D 1/0041** (2013.01 - EP US); **D03D 1/007** (2013.01 - EP US);  
**D03D 15/513** (2021.01 - EP US); **D10B 2331/021** (2013.01 - EP US); **D10B 2401/04** (2013.01 - EP US); **D10B 2401/22** (2013.01 - EP US)

Citation (search report)  
• [X] JP 2011202327 A 20111013 - TEIJIN TECHNO PRODUCTS LTD  
• [X] JP 2012154002 A 20120816 - TEIJIN TECHNO PRODUCTS LTD  
• See references of WO 2014104411A1

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 2940202 A1 20151104; EP 2940202 A4 20151223; EP 2940202 B1 20170201**; BR 112015015161 A2 20170711; CA 2895042 A1 20140703;  
CN 104903502 A 20150909; ES 2621358 T3 20170703; HK 1213606 A1 20160708; JP WO2014104411 A1 20170119;  
KR 20150103101 A 20150909; MX 2015008229 A 20150929; MX 349902 B 20170818; RU 2015131087 A 20170202;  
TW 201504492 A 20150201; US 2015299905 A1 20151022; WO 2014104411 A1 20140703

DOCDB simple family (application)  
**EP 13869555 A 20131227**; BR 112015015161 A 20131227; CA 2895042 A 20131227; CN 201380068177 A 20131227;  
ES 13869555 T 20131227; HK 16101644 A 20160216; JP 2013085353 W 20131227; JP 2014554635 A 20131227; KR 20157020093 A 20131227;  
MX 2015008229 A 20131227; RU 2015131087 A 20131227; TW 102148758 A 20131227; US 201314648769 A 20131227