

Title (en)

COLORED ORGANIC FIBER, FABRIC AND CLOTHING AND METHOD FOR MANUFACTURING FABRIC

Title (de)

GEFÄRBTE ORGANISCHEN FASER, STOFF UND BEKLEIDUNG UND VERFAHREN ZUR HERSTELLUNG DES STOFFES

Title (fr)

FIBRE ORGANIQUE COLORÉE, TISSU ET VÊTEMENT, ET PROCÉDÉ DE FABRICATION DE TISSU

Publication

**EP 3133204 A4 20170503 (EN)**

Application

**EP 15779705 A 20150406**

Priority

- JP 2014082799 A 20140414
- JP 2015060712 W 20150406

Abstract (en)

[origin: EP3133204A1] A problem of the invention is to provide a colored organic fiber that has a deep color and excellent flame retardancy, a cloth and garments each composed of the foregoing organic fiber, and a method for producing a cloth. To solve this problem, a colored organic fiber having a content of a carrier agent of 1.8% by mass or less relative to the fiber mass is provided. A cloth or garments are obtained, if desired.

IPC 8 full level

**D06P 1/613** (2006.01); **D01F 1/06** (2006.01); **D01F 1/07** (2006.01); **D01F 1/10** (2006.01); **D01F 6/60** (2006.01); **D01F 6/74** (2006.01); **D01F 6/76** (2006.01); **D01F 6/80** (2006.01); **D01F 6/90** (2006.01); **D03D 15/00** (2006.01); **D03D 15/12** (2006.01); **D06P 3/04** (2006.01)

CPC (source: EP KR RU US)

**D01F 1/06** (2013.01 - US); **D01F 1/07** (2013.01 - EP KR US); **D01F 1/106** (2013.01 - EP KR US); **D01F 6/605** (2013.01 - EP KR US); **D01F 6/74** (2013.01 - EP KR US); **D01F 6/76** (2013.01 - EP KR US); **D01F 6/805** (2013.01 - EP KR US); **D06P 1/613** (2013.01 - RU)

Citation (search report)

- [X] US 5096459 A 19920317 - GHORASHI HAMID M [US]
- [XAY] GB 1333843 A 19731017 - AGRI PAT SA
- [YA] JP 2012036534 A 20120223 - KISEN KK
- [A] JP 2012219418 A 20121112 - TEIJIN TECHNO PRODUCTS LTD
- See also references of WO 2015159749A1

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 3133204 A1 20170222**; **EP 3133204 A4 20170503**; **EP 3133204 B1 20180711**; AU 2015247107 A1 20161124; AU 2015247107 B2 20180830; BR 112016023687 A2 20170815; CA 2945737 A1 20151022; CN 106232898 A 20161214; CN 106232898 B 20190510; JP 2018138713 A 20180906; JP 6355720 B2 20180711; JP 6570703 B2 20190904; JP WO2015159749 A1 20170413; KR 20160140951 A 20161207; MX 2016013384 A 20170215; RU 2016144442 A 20180515; RU 2016144442 A3 20180515; RU 2658246 C2 20180619; TW 201606150 A 20160216; US 2017037543 A1 20170209; US 2019226122 A1 20190725; WO 2015159749 A1 20151022

DOCDB simple family (application)

**EP 15779705 A 20150406**; AU 2015247107 A 20150406; BR 112016023687 A 20150406; CA 2945737 A 20150406; CN 201580019932 A 20150406; JP 2015060712 W 20150406; JP 2016513722 A 20150406; JP 2018108066 A 20180605; KR 20167031358 A 20150406; MX 2016013384 A 20150406; RU 2016144442 A 20150406; TW 104111783 A 20150413; US 201515303824 A 20150406; US 201916373948 A 20190403