

Title (en)

FLUORESCENT FIBER, USE THEREOF, AND METHOD FOR THE PRODUCTION THEREOF

Title (de)

FLUORESZIERENDE FASER, DEREN VERWENDUNG SOWIE VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)

FIBRE FLUORESCENTE, SON UTILISATION ET SON PROCÉDÉ DE FABRICATION

Publication

EP 2478138 B1 20131002 (DE)

Application

EP 10760892 A 20100805

Priority

- AT 14712009 A 20090917
- AT 2010000285 W 20100805

Abstract (en)

[origin: WO2011032191A1] The present invention relates to a cellulosic regenerated fiber, which contains a pigment that is spun in and a fluorescent dye that is applied by overdyeing, the use thereof to produce yarns and sheet materials, and a method for producing said fibers. Said fiber fulfills the requirements of EN 471 with regard to luminance, color space, and rubbing fastness and has a light fastness (ISO 105-B02, method 2) of more than 5.

IPC 8 full level

D01F 1/07 (2006.01); **D01F 2/00** (2006.01); **D01F 2/14** (2006.01); **D01F 2/16** (2006.01)

CPC (source: EP US)

D01F 1/07 (2013.01 - EP US); **D01F 2/00** (2013.01 - EP US); **D01F 2/06** (2013.01 - US); **D01F 2/14** (2013.01 - EP US); **D01F 2/16** (2013.01 - EP US); **D02G 3/02** (2013.01 - US); **D06M 13/282** (2013.01 - US); **D06P 1/0012** (2013.01 - EP US); **D06P 3/60** (2013.01 - EP US); **D06M 2200/30** (2013.01 - US); **Y10T 428/249921** (2015.04 - EP 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 SE SI SK SM TR

DOCDB simple family (publication)

WO 2011032191 A1 20110324; AT 508846 A1 20110415; AT 508846 B1 20120215; CN 102597342 A 20120718; EP 2478138 A1 20120725; EP 2478138 B1 20131002; ES 2440939 T3 20140131; IN 2222DEN2012 A 20150821; RU 2012115659 A 20131027; RU 2541062 C2 20150210; TW 201128007 A 20110816; TW I539046 B 20160621; US 2012244335 A1 20120927; US 2016138217 A1 20160519

DOCDB simple family (application)

AT 2010000285 W 20100805; AT 14712009 A 20090917; CN 201080041612 A 20100805; EP 10760892 A 20100805; ES 10760892 T 20100805; IN 2222DEN2012 A 20120314; RU 2012115659 A 20100805; TW 99126630 A 20100810; US 201013496670 A 20100805; US 201615002053 A 20160120