

Title (en)

METHOD FOR PRODUCING DYED POLYESTER FIBRES, YARNS AND/OR TEXTILE FABRICS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON GEFÄRBTEN POLYESTERFASERN, GARNEN UND/ODER TEXTILEN FLÄCHENGEWEBEN

Title (fr)

PROCÉDÉ DE FABRICATION DE FIBRES DE POLYESTER COLORÉES, FILS COLORÉS ET/OU TISSUS COLORÉS

Publication

**EP 2459785 A1 20120606 (DE)**

Application

**EP 10737320 A 20100727**

Priority

- EP 09166985 A 20090731
- EP 2010060843 W 20100727
- EP 10737320 A 20100727

Abstract (en)

[origin: WO2011012598A1] The present invention relates to a method for producing dyed polyester fibers (C) from a terephthalate polyester (A), at least one additive (B) containing polyester, and optionally at least one component (G). The additive containing polyester can be obtained by condensing the monomers of an aliphatic 1, ?-dicarboxylic acid and an aromatic 1, ?-dicarboxylic acid. Chain lengtheners (V) are optionally also used in the production of the additive (B) containing polyester. The components (A, B) and optionally (G) are mixed, melted in an extruder, and extruding by means of spinnerets for generating fiber. Said polyester fibers (C) are preferably used in the production of dyed textile material webs (F).

IPC 8 full level

**D01F 6/92** (2006.01); **D01F 1/10** (2006.01); **D06P 3/36** (2006.01)

CPC (source: EP KR US)

**D01D 5/08** (2013.01 - KR); **D01F 1/06** (2013.01 - KR); **D01F 1/10** (2013.01 - EP KR US); **D01F 6/92** (2013.01 - EP KR US); **D03D 15/283** (2021.01 - KR); **D03D 15/54** (2021.01 - KR); **D06P 3/36** (2013.01 - EP KR US); **D06P 3/54** (2013.01 - KR); **D10B 2331/04** (2013.01 - KR); **D10B 2401/14** (2013.01 - KR)

Citation (search report)

See references of WO 2011012598A1

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 2011012598 A1 20110203**; AU 2010277618 A1 20120119; AU 2010277618 B2 20160310; AU 2010277618 C1 20160908; BR 112012001832 A2 20160315; CA 2767371 A1 20110203; CN 102471942 A 20120523; CN 102471942 B 20140312; EP 2459785 A1 20120606; EP 2459785 B1 20150128; ES 2535331 T3 20150508; JP 2013501152 A 20130110; JP 5575240 B2 20140820; KR 101718565 B1 20170321; KR 20120040234 A 20120426; MX 2012000799 A 20120228; MY 160755 A 20170315; PL 2459785 T3 20150630; US 10202712 B2 20190212; US 2012180232 A1 20120719; ZA 201201420 B 20130529

DOCDB simple family (application)

**EP 2010060843 W 20100727**; AU 2010277618 A 20100727; BR 112012001832 A 20100727; CA 2767371 A 20100727; CN 201080033995 A 20100727; EP 10737320 A 20100727; ES 10737320 T 20100727; JP 2012522141 A 20100727; KR 20127002503 A 20100727; MX 2012000799 A 20100727; MY PI2012000329 A 20100727; PL 10737320 T 20100727; US 201013387768 A 20100727; ZA 201201420 A 20120227