

Title (en)

METHOD FOR PREVENTING YARN BREAKAGE

Title (de)

VERFAHREN ZUM VERHINDERN VON GARNBRUCH

Title (fr)

PROCÉDÉ DE PRÉVENTION DE RUPTURE DE FIL

Publication

EP 2181205 A2 20100505 (EN)

Application

EP 08785542 A 20080814

Priority

- EP 2008006684 W 20080814
- EP 07016261 A 20070820
- EP 08785542 A 20080814

Abstract (en)

[origin: WO2009024286A2] The invention pertains to the use of a multifilament yarn spinning process comprising individually washing each filament of a multifilament yarn and, if neutralized, individually neutralizing each filament of the multifilament yarn, for preventing yarn breakage during the spinning process, the spinning process comprising spinning of a polymer through a spinneret to obtain the multifilament yarn, washing the yarn, and optionally neutralizing and/or drying the yarn and winding the yarn onto a bobbin Preferably the yarn is washed with jet washers.

IPC 8 full level

D01D 10/06 (2006.01); **D01F 6/60** (2006.01)

CPC (source: EP KR US)

D01D 5/06 (2013.01 - KR); **D01D 10/06** (2013.01 - EP KR US); **D01F 6/605** (2013.01 - EP KR US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

WO 2009024286 A2 20090226; WO 2009024286 A3 20090625; CN 101932759 A 20101229; CN 101932759 B 20111116;
EP 2181205 A2 20100505; EP 2181205 B1 20170222; JP 2010537063 A 20101202; JP 5425076 B2 20140226; KR 101489700 B1 20150204;
KR 20100043080 A 20100427; RU 2010110615 A 20110927; RU 2459019 C2 20120820; US 2010154378 A1 20100624

DOCDB simple family (application)

EP 2008006684 W 20080814; CN 200880103637 A 20080814; EP 08785542 A 20080814; JP 2010521344 A 20080814;
KR 20107003585 A 20080814; RU 2010110615 A 20080814; US 45281008 A 20080814