

Title (en)

METHOD TO IMPROVE RELEASE CHARACTERISTICS OF ELASTIC POLYOLEFIN FIBERS

Title (de)

VERFAHREN ZUR VERBESSERUNG VON ABLÖSUNGSEIGENSCHAFTEN ELASTISCHER POLYOLEFINFASERN

Title (fr)

METHODE POUR L'AMELIORATION DE CARACTERISTIQUES DE LIBERATION DES FIBRES POLYOLEFINES ELASTIQUES

Publication

**EP 1819850 A1 20070822 (EN)**

Application

**EP 05849526 A 20051201**

Priority

- US 2005044944 W 20051201
- US 63292404 P 20041203

Abstract (en)

[origin: WO2006060826A1] The present invention relates to a method for reducing the amount of die buildup associated with the production of polyolefin based elastic fiber and for improving the unwind or release characteristics of such fiber. In particular the method involves the use of polydimethylsiloxane (PDMSO) in the polyolefin resin.

IPC 8 full level

**D01D 5/08** (2006.01); **D01F 1/10** (2006.01); **D01F 6/04** (2006.01); **D01F 6/30** (2006.01)

CPC (source: EP KR US)

**D01D 5/08** (2013.01 - KR); **D01F 1/10** (2013.01 - EP KR US); **D01F 6/04** (2013.01 - EP KR US); **D01F 6/30** (2013.01 - EP KR US)

Citation (search report)

See references of WO 2006060826A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2006060826 A1 20060608**; AT E427371 T1 20090415; AU 2005311589 A1 20060608; BR PI0516898 A 20080923; BR PI0516898 B1 20160405; CA 2587663 A1 20060608; CN 101068957 A 20071107; CN 101068957 B 20130522; DE 602005013689 D1 20090514; EP 1819850 A1 20070822; EP 1819850 B1 20090401; ES 2321219 T3 20090603; JP 2009508010 A 20090226; KR 20070085655 A 20070827; TW 200634188 A 20061001; US 2008093768 A1 20080424

DOCDB simple family (application)

**US 2005044944 W 20051201**; AT 05849526 T 20051201; AU 2005311589 A 20051201; BR PI0516898 A 20051201; CA 2587663 A 20051201; CN 200580041628 A 20051201; DE 602005013689 T 20051201; EP 05849526 A 20051201; ES 05849526 T 20051201; JP 2007544646 A 20051201; KR 20077012453 A 20070601; TW 94142484 A 20051202; US 71861405 A 20051201