

Title (en)

METHOD FOR PRODUCING NANOFIBRES AND MESOFIBRES BY ELECTROSPINNING COLLOIDAL DISPERSIONS CONTAINING AT LEAST ONE ESSENTIALLY WATER-INSOLUBLE POLYMER

Title (de)

VERFAHREN ZUR HERSTELLUNG VON NANO- UND MESOFASERN DURCH ELEKTROSPINNEN VON KOLLOIDALEN DISPERSIONEN, ENTHALTEND MINDESTENS EIN IM WESENTLICHEN WASSERUNLÖSLICHES POLYMER

Title (fr)

PROCÉDÉ POUR PRODUIRE DES NANOFIBRES ET DES MÉSOFIBRES PAR ÉLECTROFILAGE DE DISPERSIONS COLLOÏDALES CONTENANT AU MOINS UN POLYMÈRE PRATIQUEMENT INSOLUBLE DANS L'EAU

Publication

**EP 2171136 A2 20100407 (DE)**

Application

**EP 08786037 A 20080710**

Priority

- EP 2008058983 W 20080710
- EP 07112671 A 20070718
- EP 08786037 A 20080710

Abstract (en)

[origin: WO2009010443A2] The invention relates to a method for producing polymer fibres, especially nanofibres and mesofibres, a colloidal dispersion of at least one essentially water-insoluble polymer being electrospun in an aqueous medium. The invention also relates to fibres obtained by said method, textile fabrics containing the fibres according to the invention, and the use of said fibres and said textile fabrics.

IPC 8 full level

**D01D 5/00** (2006.01); **D01F 6/52** (2006.01); **D04H 1/728** (2012.01)

CPC (source: EP US)

**D01D 5/003** (2013.01 - EP US); **D01F 6/30** (2013.01 - EP US); **D01F 6/36** (2013.01 - EP US); **D01F 6/52** (2013.01 - EP US); **Y10T 428/249921** (2015.04 - EP US); **Y10T 428/298** (2015.01 - EP US)

Citation (search report)

See references of WO 2009010443A2

Cited by

CN105597428A; DE102014013354A1

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 2009010443 A2 20090122**; **WO 2009010443 A3 20090507**; AT E524581 T1 20110915; EP 2171136 A2 20100407; EP 2171136 B1 20110914; ES 2370954 T3 20111226; JP 2010533798 A 20101028; JP 5322116 B2 20131023; US 2010221519 A1 20100902

DOCDB simple family (application)

**EP 2008058983 W 20080710**; AT 08786037 T 20080710; EP 08786037 A 20080710; ES 08786037 T 20080710; JP 2010516468 A 20080710; US 66969008 A 20080710