Title (en)

PROCESS FOR PRODUCING NANO- AND MESOFIBRES BY ELECTROSPINNING COLLOIDAL DISPERSIONS COMPRISING 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 DE FABRICATION DE NANO ET DE MÉSOFIBRES PAR ÉLECTROFILAGE DE DISPERSIONS COLLOÏDALES CONTENANT AU MOINS UN POLYMÈRE ESSENTIELLEMENT INSOLUBLE DANS L'EAU

Publication

EP 2222902 A2 20100901 (DE)

Application

EP 08858950 A 20081211

Priority

- EP 2008067281 W 20081211
- EP 07122897 A 20071211
- EP 08858950 A 20081211

Abstract (en)

[origin: WO2009074630A2] The use of fibres according to any one of Claims 19 to 21 or of textile fabrics according to Claim 23 for use in the following applications: filters or filter parts, nonwovens, industrial or domestic textiles or constituents or coatings of such textiles, medical textiles, coatings or constituents of packaging, for use in wound healing or as a wound dressing, for transport or for release of active substances and effect substances, cell culture carriers, catalyst supports, sensors or components thereof, acoustic dampers, precursors for preparing other fibres, and also continuous layers, as additives for polymers, coatings for improving tactile properties, optical properties and appearance, membrane production, and adsorbents and absorbents of solid, liquid and gaseous media.

IPC 8 full level

D01D 5/00 (2006.01); **D01F 1/10** (2006.01); **D01F 6/42** (2006.01)

CPC (source: EP US)

D01D 5/0038 (2013.01 - EP US); **D01D 5/38** (2013.01 - EP US); **D01F 1/10** (2013.01 - EP US)

Citation (search report)

See references of WO 2009074630A2

Cited by

CN108179548A; CN108790160A

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 2009074630 A2 20090618; **WO 2009074630 A3 20091119**; EP 2222902 A2 20100901; US 2011148004 A1 20110623; US 8298471 B2 20121030

DOCDB simple family (application)

EP 2008067281 W 20081211; EP 08858950 A 20081211; US 74784208 A 20081211