

Title (en)

Regenerated cellulose fibres and process for their preparation

Title (de)

Cellulosische Regeneratfasern und Verfahren zu deren Herstellung

Title (fr)

Fibres de régénération cellulosiques et leur procédé de fabrication

Publication

EP 2636774 B1 20151118 (DE)

Application

EP 13000476 A 20130131

Priority

DE 102012004807 A 20120309

Abstract (en)

[origin: EP2636774A1] Producing cellulosic regenerated fibers, comprises spinning a cellulosic spinning solution mixed with anisotropic carbon nanoparticles, whose dimension in a particle main axis is greater than an orthogonal particle minor axis, where the particle main axes are oriented by extending the freshly spun, still plastic regenerated fibers at an anisotropic direction parallel to the fiber direction. An independent claim is also included for cellulosic regenerated fiber comprising cocooned anisotropic carbon nanoparticles.

IPC 8 full level

D01D 5/06 (2006.01); **D01F 1/10** (2006.01); **D01F 2/02** (2006.01)

CPC (source: EP)

D01D 5/06 (2013.01); **D01F 1/10** (2013.01); **D01F 2/06** (2013.01); **D01F 2/10** (2013.01)

Cited by

EP2889400A1; CN109505020A; CN103866421A; CN106757790A

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 RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2636774 A1 20130911; EP 2636774 B1 20151118; DE 102012004807 A1 20130912

DOCDB simple family (application)

EP 13000476 A 20130131; DE 102012004807 A 20120309