

Title (en)
LYOCELL FIBER

Title (de)
LYOCELLFASER

Title (fr)
FIBRE LYOCELL

Publication
EP 3128049 A4 20171122 (EN)

Application
EP 15772209 A 20150331

Priority
• KR 20140038046 A 20140331
• KR 20150044318 A 20150330
• KR 2015003140 W 20150331

Abstract (en)
[origin: EP3128049A1] This invention relates to a lyocell fiber and, more specifically, to a lyocell fiber exhibiting the same or improved physical properties even if used in a lesser amount, compared to a conventional lyocell fiber, by controlling the shape of the section of a monofilament included in the lyocell fiber to increase the specific surface area of the fiber.

IPC 8 full level
D01F 2/00 (2006.01); **D01D 5/253** (2006.01); **D01D 5/06** (2006.01); **D01D 5/16** (2006.01); **D01D 10/06** (2006.01)

CPC (source: EP US)
D01D 5/06 (2013.01 - EP US); **D01D 5/16** (2013.01 - US); **D01D 5/253** (2013.01 - EP US); **D01D 10/06** (2013.01 - EP US);
D01F 2/00 (2013.01 - EP US)

Citation (search report)
• [XII] WO 2007143762 A1 20071221 - CHEMIEFASER LENZING AG [AT], et al
• [XII] WO 2010071906 A1 20100701 - CHEMIEFASER LENZING AG [AT], et al
• [A] US 5589125 A 19961231 - ZIKELI STEFAN [AT], et al
• [A] KR 100687597 B1 20070227 - KOLON INC [KR]
• [A] WO 9621758 A1 19960718 - COURTAULDS FIBRES HOLDINGS LTD [GB], et al
• See references of WO 2015152594A1

Cited by
EP3779011A4

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 3128049 A1 20170208; EP 3128049 A4 20171122; CN 106164346 A 20161123; CN 106164346 B 20190412; JP 2017508899 A 20170330;
JP 6403794 B2 20181010; KR 102205529 B1 20210120; KR 20150113902 A 20151008; US 2017121857 A1 20170504

DOCDB simple family (application)
EP 15772209 A 20150331; CN 201580018160 A 20150331; JP 2016558697 A 20150331; KR 20150044318 A 20150330;
US 201515300420 A 20150331