

Title (en)

NONWOVEN CELLULOSE FIBER FABRIC WITH INCREASED OIL ABSORBING CAPABILITY

Title (de)

CELLULOSEFASERVLIESTOFF MIT ERHÖHTER ÖLABSORPTIONSFÄHIGKEIT

Title (fr)

TISSU DE FIBRES DE CELLULOSE NON TISSÉ PRÉSENTANT UNE MEILLEURE CAPACITÉ D'ABSORPTION D'HUILE

Publication

EP 3607126 B1 20230607 (EN)

Application

EP 18713920 A 20180328

Priority

- EP 17164491 A 20170403
- EP 2018057860 W 20180328

Abstract (en)

[origin: EP3385425A1] It is described a nonwoven cellulose fiber fabric (102) directly manufactured from a lyocell spinning solution (104). The fabric (102) comprises a network of substantially endless fibers (108), wherein the fabric (102) exhibits an oil absorbing capability of at least 1900 mass percent. It is further described a method and a device for manufacturing such a fabric (102), a product or composite comprising such a fabric, and various use applications for such a fabric (102).

IPC 8 full level

D04H 3/013 (2012.01); **D01D 5/06** (2006.01); **D01F 2/00** (2006.01); **D04H 3/16** (2006.01)

CPC (source: EP KR US)

D01D 5/06 (2013.01 - EP KR US); **D01F 2/00** (2013.01 - EP KR US); **D04H 3/013** (2013.01 - EP KR US); **D04H 3/016** (2013.01 - KR US); **D04H 3/03** (2013.01 - KR US); **D04H 3/16** (2013.01 - EP); **D10B 2201/22** (2013.01 - KR US)

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 3385425 A1 20181010; BR 112019020765 A2 20200428; CN 110520563 A 20191129; CN 110520563 B 20220325; EP 3607126 A1 20200212; EP 3607126 B1 20230607; ES 2952883 T3 20231106; FI 3607126 T3 20230907; JP 2020513070 A 20200430; JP 7019928 B2 20220216; KR 102240716 B1 20210415; KR 20190130652 A 20191122; PL 3607126 T3 20231106; TW 201900967 A 20190101; TW I803484 B 20230601; US 2018282920 A1 20181004; WO 2018184925 A1 20181011

DOCDB simple family (application)

EP 17164491 A 20170403; BR 112019020765 A 20180328; CN 201880023869 A 20180328; EP 18713920 A 20180328; EP 2018057860 W 20180328; ES 18713920 T 20180328; FI 18713920 T 20180328; JP 2020503089 A 20180328; KR 20197032535 A 20180328; PL 18713920 T 20180328; TW 107110756 A 20180328; US 201815938345 A 20180328