

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 3385425 A1 20181010 (EN)**

Application

**EP 17164491 A 20170403**

Priority

EP 17164491 A 20170403

Abstract (en)

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); **D04H 3/016** (2012.01)

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)

Citation (applicant)

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WO2022262955A1; WO2024063727A1

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

Designated extension state (EPC)

BA ME

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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