

Title (en)

Wet-laid nonwoven comprising nanofibrillar cellulose and a method of manufacturing such

Title (de)

Nassgelegtes Vlies mit nanofibrillärer Cellulose und Verfahren zur Herstellung davon

Title (fr)

Non-tissé obtenu par voie humide comprenant de la cellulose nanofibrillaire et son procédé de fabrication

Publication

EP 2781652 A1 20140924 (EN)

Application

EP 14160857 A 20140320

Priority

FR 1352506 A 20130320

Abstract (en)

A wet-laid nonwoven comprising at least synthetic and/or natural fibers and nanofibrillar cellulose (NFC) in an amount of between 0.1 and 20% by dry weight compared with the dry weight of said nonwoven, the nonwoven being impregnated with the NFC for its entire thickness.

IPC 8 full level

D21H 11/18 (2006.01); **D04H 1/00** (2006.01); **D21H 15/02** (2006.01); **D21H 17/25** (2006.01); **D21H 21/52** (2006.01)

CPC (source: EP)

D04H 1/425 (2013.01); **D21H 11/18** (2013.01); **D21H 15/02** (2013.01); **D21H 17/25** (2013.01); **D21H 21/52** (2013.01)

Citation (applicant)

US 8513147 B2 20130820 - GUPTA RAKESH KUMAR [US], et al

Citation (search report)

- [A] WO 2010092239 A1 20100819 - UPM KYMMENE OYJ [FI], et al
- [A] WO 2012040830 A1 20120405 - FPINNOVATIONS [CA], et al
- [A] WO 2010142845 A1 20101216 - UPM KYMMENE CORP [FI], et al
- [A] WO 2010125247 A2 20101104 - UPM KYMMENE CORP, et al
- [A] WO 2007088974 A1 20070809 - UNIV KYUSHU NAT UNIV CORP [JP], et al
- [A] US 2011008638 A1 20110113 - MIYAWAKI SHOICHI [JP], et al

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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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EP 2781652 A1 20140924; **EP 2781652 B1 20151223**; **EP 2781652 B2 20180912**; ES 2565314 T3 20160401; ES 2565314 T5 20190125; FR 3003580 A1 20140926; FR 3003580 B1 20150703

DOCDB simple family (application)

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