

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 B1 20151223 (EN)

Application

EP 14160857 A 20140320

Priority

FR 1352506 A 20130320

Abstract (en)

[origin: EP2781652A1] 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 (opposition)

Opponent : UPM-Kymmene Corporation

- EP 2243872 A1 20101027 - BEMIS CO INC [US]
- US 2003000665 A1 20030102 - TAKAI HISASHI [JP], et al
- JP H11206611 A 19990803 - UNI CHARM CORP
- US 2003177909 A1 20030925 - KOSLOW EVAN E [US]
- JP 2013104142 A 20130530 - DAICEL CORP
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WO2021063957A1; CN112368139A; US10669671B2; US2015191036A1; CN114450450A; EP3690136A1; SE2051028A1; SE545733C2; US11511015B2; US11512020B2; US11692313B2; US11603612B2; JP2017538053A; US2016145779A1; US10060058B2; US2022251783A1; WO2016081392A1; WO2018171914A1; WO2017115018A1; WO2019231994A1; WO2022049483A1; US10479044B2; US10906268B2; US11858717B2; US2015167249A1; US9580873B2; US9670622B2; CN108430525A; CN109310797A; EP3930664A4; US11975910B2; US11999553B2; US11919699B2; US11940204B2; WO2022260052A1; EP3224411B1; EP3464723B1

Designated contracting state (EPC)

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