

Title (en)
MELT-SPUN POLYPROPYLENE FINE-GRADE NANOFIBROUS WEB

Title (de)
SCHMELZGESPONNENE FEINE POLYPROPYLENNANOFASERBAHN

Title (fr)
VOILE NANOFIBREUX FIN EN POLYPROPYLÈNE FILÉ À L'ÉTAT FONDU

Publication
EP 3060709 A1 20160831 (EN)

Application
EP 14790995 A 20141022

Priority

- US 201361893961 P 20131022
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Abstract (en)
[origin: US2015111456A1] The present invention is directed toward a to fine-grade stand-alone nanoweb and nanofibrous membrane comprising a nanofiber network with a number average nanofiber diameter less than 200 nm and the mean flow pore size less than 1000 nm that yield the selective barrier medium with a superior balance of flow versus barrier properties.

IPC 8 full level
D04H 1/4291 (2012.01); **D01D 5/18** (2006.01); **D04H 1/4382** (2012.01); **D04H 1/72** (2012.01); **D04H 1/736** (2012.01)

CPC (source: EP KR US)
D01D 5/14 (2013.01 - KR); **D01D 5/18** (2013.01 - EP KR US); **D01F 6/06** (2013.01 - EP KR US); **D04H 1/4291** (2013.01 - EP KR US); **D04H 1/4382** (2013.01 - KR); **D04H 1/43838** (2020.05 - EP US); **D04H 1/72** (2013.01 - EP US); **D04H 1/724** (2013.01 - KR US); **D04H 1/736** (2013.01 - EP KR US); **D04H 3/007** (2013.01 - EP KR US); **D04H 3/016** (2013.01 - EP KR US); **D01D 5/14** (2013.01 - EP US); **D10B 2321/022** (2013.01 - KR US); **D10B 2401/10** (2013.01 - KR US); **D10B 2505/04** (2013.01 - KR US); **Y10T 442/626** (2015.04 - EP US)

Citation (search report)
See references of WO 2015061377A1

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

DOCDB simple family (publication)
US 2015111456 A1 20150423; CN 105658857 A 20160608; EP 3060709 A1 20160831; JP 2016534239 A 20161104; KR 20160073971 A 20160627; WO 2015061377 A1 20150430; WO 2015061377 A9 20150716

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