

Title (en)
SPUNBONDED NONWOVEN FABRIC

Title (de)
SPINNVLIESFASER

Title (fr)
TISSU NON-TISSÉ FILÉ-LIÉ

Publication
EP 3744888 A4 20210505 (EN)

Application
EP 19743580 A 20190123

Priority
• JP 2018010254 A 20180125
• JP 2018183755 A 20180928
• JP 2019002142 W 20190123

Abstract (en)
[origin: EP3744888A1] This nonwoven fabric is a spunbonded nonwoven fabric composed of monocomponent fibers comprising a copolyester resin derived by copolymerizing a polyester resin with 5-40 wt.% polyethylene glycol, characterized in that the ΔMR of the spunbonded nonwoven fabric is 0.5% to 15% inclusive.

IPC 8 full level
D04H 3/14 (2012.01); **D01F 6/92** (2006.01); **D04H 3/011** (2012.01)

CPC (source: EP KR US)
D01F 6/92 (2013.01 - EP KR US); **D04H 3/011** (2013.01 - EP KR US); **D04H 3/05** (2013.01 - KR); **D04H 3/14** (2013.01 - EP US); **D04H 3/147** (2013.01 - KR)

Citation (search report)
• [Y] JP 2017008190 A 20170112 - TORAY INDUSTRIES
• [Y] WO 2014050652 A1 20140403 - TORAY INDUSTRIES [JP]
• [Y] WO 2015146790 A1 20151001 - TORAY INDUSTRIES [JP]
• [Y] JP 2006152531 A 20060615 - TORAY INDUSTRIES
• See also references of WO 2019146660A1

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 3744888 A1 20201202; EP 3744888 A4 20210505; CN 111655919 A 20200911; JP 2023178500 A 20231214;
JP WO2019146660 A1 20210128; KR 102570892 B1 20230825; KR 20200110346 A 20200923; SG 11202006937P A 20200828;
TW 201936699 A 20190916; TW I776012 B 20220901; US 2021040660 A1 20210211; WO 2019146660 A1 20190801

DOCDB simple family (application)
EP 19743580 A 20190123; CN 201980010085 A 20190123; JP 2019002142 W 20190123; JP 2019567123 A 20190123;
JP 2023184872 A 20231027; KR 20207021147 A 20190123; SG 11202006937P A 20190123; TW 108102855 A 20190125;
US 201916964243 A 20190123