

Title (en)

METHOD FOR PRODUCING SPUN-BONDED NONWOVEN FABRIC AND SPUN-BONDED NONWOVEN FABRIC

Title (de)

VERFAHREN ZUR HERSTELLUNG VON SPINNVLIESTOFF UND SPINNVLIESTOFF

Title (fr)

PROCÉDÉ DE PRODUCTION DE NON-TISSÉ FILÉ-LIÉ ET NON-TISSÉ FILÉ-LIÉ

Publication

EP 3722477 A1 20201014 (EN)

Application

EP 19740472 A 20190218

Priority

JP 2019005885 W 20190218

Abstract (en)

A method of manufacturing a spunbonded non-woven fabric includes a step of melt-spinning a thermoplastic polymer to form a crimped fiber, and a step of collecting the crimped fiber and pressing the collected crimped fiber at a linear pressure of 5 N/mm or more by a compaction roll.

IPC 8 full level

D04H 3/033 (2012.01); **D04H 3/007** (2012.01)

CPC (source: EP KR)

D02G 1/00 (2013.01 - EP KR); **D02J 13/006** (2013.01 - EP KR); **D04H 3/007** (2013.01 - EP KR); **D04H 3/147** (2013.01 - EP KR)

Citation (search report)

- [X] JP 2013133579 A 20130708 - ASAHI KASEI FIBERS CORP
- [A] JP 2003147671 A 20030521 - KOBE STEEL LTD
- [DA] EP 3246444 A1 20171122 - FIBERTEX PERSONAL CARE AS [DK], et al

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)

EP 3722477 A1 20201014; **EP 3722477 A4 20210331**; **EP 3722477 B1 20220427**; CN 113474504 A 20211001; CN 113474504 B 20230418; DK 3722477 T3 20220516; JP 6533025 B1 20190619; JP WO2020170311 A1 20210311; KR 102565495 B1 20230809; KR 20210096220 A 20210804; MY 194599 A 20221206; WO 2020170311 A1 20200827

DOCDB simple family (application)

EP 19740472 A 20190218; CN 201980091464 A 20190218; DK 19740472 T 20190218; JP 2019005885 W 20190218; JP 2019512935 A 20190218; KR 20217020392 A 20190218; MY PI2021003813 A 20190218