Title (en)

MELT-BLOWN NONWOVEN FABRIC MANUFACTURING METHOD AND MELT-BLOWN NONWOVEN FABRIC

Title (de)

VERFAHREN ZUR HERSTELLUNG VON SCHMELZGEBLASENEM VLIESSTOFF UND SCHMELZGEBLASENER VLIESSTOFF

Title (fr)

PROCÉDÉ DE FABRICATION DE TISSU NON-TISSÉ PAR FUSION-SOUFFLAGE ET TISSU NON-TISSÉ FABRIQUÉ PAR FUSION-SOUFFLAGE

Publication

EP 3943655 A4 20220615 (EN)

Application

EP 20782329 A 20200327

Priority

- JP 2019068822 A 20190329
- JP 2020014392 W 20200327

Abstract (en)

[origin: EP3943655A1] Provided are: a melt-blown nonwoven fabric manufacturing method that enables manufacturing of a melt-blown nonwoven fabric having high strength without performing a calendering process; and a melt-blown nonwoven fabric that can be manufactured by the manufacturing method. This melt-blown nonwoven fabric manufacturing method includes setting, in the respective suitable ranges, the temperature of a resin to be discharged from a spinning die head, the amount and the temperature of hot air to be blown to a nozzle hole from which the resin is discharged, the amount of the resin discharged from the nozzle hole, and a distance between the nozzle hole and a conveyor for conveying a melt-blown nonwoven fabric.

IPC 8 full level

D04H 3/16 (2006.01); **D01D 5/08** (2006.01); **D04H 1/56** (2006.01); **D04H 3/007** (2012.01); **D04H 3/009** (2012.01)

CPC (source: EP)

D01D 4/025 (2013.01); **D01D 5/0985** (2013.01); **D01D 7/00** (2013.01); **D04H 1/56** (2013.01); **D04H 3/007** (2013.01); **D04H 3/009** (2013.01); **D04H 3/16** (2013.01)

Citation (search report)

- [I] EP 1059325 B1 20090916 - KURARAY CO [JP]
- [A] US 5582907 A 19961210 - PALL DAVID B [US]
- [A] JP 6190687 B2 20170830
- See references of WO 2020203932A1

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 3943655 A1 20220126; **EP 3943655 A4 20220615**; **EP 3943655 B1 20231011**; CN 113950547 A 20220118; JP WO2020203932 A1 20201008; WO 2020203932 A1 20201008

DOCDB simple family (application)

EP 20782329 A 20200327; CN 202080025557 A 20200327; JP 2020014392 W 20200327; JP 2021512092 A 20200327