

Title (en)

NONWOVEN FABRIC MANUFACTURING DEVICE AND MONWOVEN FABRIC MANUFACTURING METHOD

Title (de)

VORRICHTUNG ZUR VLIESTOFFHERSTELLUNG UND VERFAHREN ZUR VLIESTOFFHERSTELLUNG

Title (fr)

DISPOSITIF DE FABRICATION D'UN TISSU NON TISSÉ ET PROCÉDÉ DE FABRICATION D'UN TISSU NON TISSÉ

Publication

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Application

EP 13796349 A 20130603

Priority

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Abstract (en)

[origin: EP2857568A1] Provided is a nonwoven fabric manufacturing apparatus and a nonwoven fabric manufacturing method capable of equally coping with minute dimensional differences while reducing cost in response to various dimensional requirements. The nonwoven fabric manufacturing apparatus includes a die 2 having a nozzle row 20, a resin supply means 3 supplying the thermoplastic resin to the die 2, a hot air supply means 8 supplying hot air to a thermoplastic resin extruded from the nozzle row 20 of the die 2 to draw the thermoplastic resin into fibers, and a collector 5 having a conveyor belt 11, the collector 5 collecting the thermoplastic resin that has been drawn into fibers to form a nonwoven fabric web 12 by the self-fusion property.

IPC 8 full level

D04H 3/16 (2006.01); **D01D 4/02** (2006.01); **D01D 5/08** (2006.01); **D01D 5/098** (2006.01); **D04H 1/56** (2006.01); **D04H 1/72** (2012.01); **D04H 3/03** (2012.01)

CPC (source: CN EP KR US)

D01D 4/025 (2013.01 - CN EP US); **D01D 5/08** (2013.01 - KR); **D01D 5/0985** (2013.01 - EP US); **D04H 1/56** (2013.01 - CN EP US); **D04H 1/72** (2013.01 - CN EP US); **D04H 3/02** (2013.01 - CN); **D04H 3/03** (2013.01 - EP US); **D04H 3/16** (2013.01 - EP KR US)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 2013180304A1

Designated contracting state (EPC)

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