

Title (en)

METHOD AND DEVICE FOR PRODUCING SPUNBONDED FABRIC

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON SPINNVLIES

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR LA PRODUCTION DE NON-TISSÉ PAR FILAGE DIRECT

Publication

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Application

EP 21706952 A 20210224

Priority

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Abstract (en)

[origin: WO2021170608A1] The invention relates to a method for producing a spunbonded fabric (1) and to a device for this purpose. A spinning material (2) which contains a solvent is extruded through a plurality of nozzle holes of at least one spinneret (3) in order to form filaments (4), and each of the filaments (4) is stretched in the extrusion direction, wherein the filaments (4) are laid on a perforated conveyor device (9) in order to form a spunbonded fabric (1), and the spunbonded fabric is then subjected to a washing process (10) in order to wash the solvent out of the filaments (4) and to a hydroentanglement process (11). In order to allow an inexpensive and efficient production of hydroentangled spunbonded fabric using the method, the hydroentanglement process (11) is supplied fresh water (12), and the wastewater (13) from the hydroentanglement process (11) is supplied to the washing process (10) as wash water (14).

IPC 8 full level

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Citation (search report)

See references of WO 2021170608A1

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