

Title (en)
METHOD FOR PRODUCING SPUNBONDED FABRIC

Title (de)
VERFAHREN ZUR HERSTELLUNG VON SPINNVLIES

Title (fr)
PROCÉDÉ DE PRODUCTION DE TISSU NON TISSÉ

Publication
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Application
EP 20821213 A 20201211

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• EP 2020085772 W 20201211

Abstract (en)
[origin: WO2021122378A1] The invention relates to a method (100, 101) for producing spunbonded fabrics (1.1, 1.2, 1.3) and to an apparatus (200, 201) for producing spunbonded fabrics (1.1, 1.2, 1.3), wherein, in the method (100, 101), a spinning compound (2) is extruded into filaments (5.1, 5.2, 5.3) through a multiplicity of nozzle holes (4.1, 4.2, 4.3) at least of a first spinneret (3.1) and of a second spinneret (3.2) and the filaments (5.1, 5.2, 5.3) are each drafted in the extrusion direction, wherein the filaments (5.1) of the first spinneret (3.1), in order to form a first spunbonded fabric (1.1), are laid on the conveyor belt (9) and the filaments (5.2) of the second spinneret (3.2), in order to form a second spunbonded fabric (1.2) over the first spunbonded fabric (1.1), are laid on the conveyor belt (9) in order to obtain a multilayer spunbonded fabric (10). In order to increase the throughput of the method, it is proposed that the multilayer spunbonded fabric (10) is separated in a subsequent step into at least the first spunbonded fabric (1.1) and second spunbonded fabric (1.2) and the first and second spunbonded fabrics (1.1, 1.2), following separation, each individually undergo water-jet consolidation (15.1, 15.2) and optionally drying (12), and/or are each individually wound up.

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