

Title (en)
DEVICE FOR MANUFACTURING NON-WOVEN MATERIAL

Title (de)
VORRICHTUNG ZUR HERSTELLUNG VON SPINNVLIASEN

Title (fr)
DISPOSITIF DESTINE A LA FABRICATION DE MATIERES NON TISSEES

Publication
EP 3199671 B1 20200304 (DE)

Application
EP 16152906 A 20160127

Priority
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Abstract (en)
[origin: US2017211218A1] An apparatus for making a spunbond nonwoven from monofilaments of thermoplastic synthetics has a spinneret for spinning and emitting the filaments in a travel direction, a cooler downstream of the spinneret for cooling the spun filaments, and a stretcher downstream of the cooler for stretching the filaments. An intermediate passage extending in the travel direction between the cooler and the stretcher has upstream and downstream converging passage sections. The upstream passage section in the travel direction of the filaments having a shorter length than the downstream passage section in the travel direction of the filaments. A ratio BE/BA of an inlet width BE to an outlet width BA of the upstream passage section is 1.5 to 5.5. A ratio of an inlet width bE, to an outlet width bA, of the downstream passage section is 1 to 4.

IPC 8 full level
D01D 5/098 (2006.01); **D01D 13/02** (2006.01); **D04H 3/02** (2006.01); **D04H 3/16** (2006.01)

CPC (source: CN EP IL KR RU US)
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