

Title (en)
DEVICE FOR THE MANUFACTURE OF WOVEN MATERIAL FROM CONTINUOUS FILAMENTS

Title (de)
VORRICHTUNG ZUR HERSTELLUNG VON SPINNVLIESEN AUS ENDLOSFILAMENTEN

Title (fr)
DISPOSITIF DE FABRICATION D'UN TISSU NON-TISSÉ À PARTIR DE FILAMENTS CONTINUS

Publication
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Application
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Priority
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Abstract (en)
[origin: CA3041248A1] An apparatus for making spunbonded nonwovens from continuous filaments comprising a spinneret for emitting the continuous filaments and a cooling chamber for cooling the spun filaments with cooling air. A respective air-supply manifold on each of two opposing sides of the cooling chamber or feeding the cooling air into the cooling chamber. Each manifold holds at least one flow straightener for equalizing the flow of cooling air on the filaments. Each flow straightener forms a plurality of flow passages that extend transversely to a travel direction of the filaments. The flow cross section of the flow straightener is greater than 85%, preferably greater than 90%, and a ratio of a length L of the flow passages to an inner diameter Di of the flow passages L/Di is 1 to 15.

IPC 8 full level
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D02J 13/00 (2013.01 - KR); **D04H 3/005** (2013.01 - CN); **D04H 3/11** (2013.01 - BR); **D04H 3/16** (2013.01 - EP IL KR US);
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