

Title (en)

NON-WOVEN FABRIC MANUFACTURING DEVICE, NON-WOVEN FABRIC MANUFACTURING METHOD, AND NON-WOVEN FABRIC

Title (de)

VORRICHTUNG ZUR VLIESTOFFHERSTELLUNG , VERFAHREN ZUR VLIESTOFFHERSTELLUNG UND VLIESTOFF

Title (fr)

DISPOSITIF DE FABRICATION DE NON-TISSÉ, PROCÉDÉ DE FABRICATION DE NON-TISSÉ, ET NON-TISSÉ

Publication

**EP 3438339 B1 20210324 (EN)**

Application

**EP 17774778 A 20170324**

Priority

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Abstract (en)

[origin: EP3438339A1] A diffusing unit of an apparatus for manufacturing a non-woven fabric is provided with a diffusion space between a jet nozzle and a moving belt of a collecting unit, an opening of a sub nozzle is arranged side-by-side with an opening of the jet nozzle, and the sub nozzle jets air from the opening. The jet nozzle jets, toward the moving belt, plural filaments together with air. The air jetted from the jet nozzle forms a conveying flow that gradually spreads and flows in the diffusion space, and the plural filaments are diffused by this conveying flow and are sent toward the moving belt to be collected. The air jetted from the sub nozzle flows along the air flow around the conveying flow and suppresses air in the diffusion space from entering the conveying flow.

IPC 8 full level

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CPC (source: EP KR US)

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