

Title (en)

DEVICE AND METHOD FOR PRODUCING NONWOVEN FABRIC FROM CRIMPED FIBERS

Title (de)

VORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG EINES VLIESTOFFES AUS GEKRÄUSELTEN FASERN

Title (fr)

DISPOSITIF ET PROCÉDÉ DE FABRICATION D'UN NON-TISSÉ DE FIBRES BOUCLÉES

Publication

**EP 3771763 B1 20211215 (DE)**

Application

**EP 19189215 A 20190730**

Priority

EP 19189215 A 20190730

Abstract (en)

[origin: MX2020008051A] Device for producing a tnt material from crimped endless filaments, with at least one spinning device for spinning the filaments and a deposit conveyor for depositing the fibers in a deposit region. in the direction of transport of the tnt blanket behind the deposit region, at least one first pre-compacting device is arranged. a suction device is provided, with which process air can be sucked through the deposit conveyor in the fiber suction region and / or in the region of the first precompaction device. Downstream of the first pre-compaction device in the direction of transport, a second pre-compaction device is connected, and in the region of the second pre-compaction device, process air can be sucked through the tank conveyor. in the region between the first pre-compacting device and the second pre-compacting device, an aspiration gap section is arranged, and in the aspiration gap section, there is no process air aspiration and / or being that the suction breach section is installed on the condition that there is less suction of process air there than in the region where the fibers are deposited and / or in the region of the first pre-compaction device and that there is less suction process air than in the region of the second pre-compaction device.

IPC 8 full level

**D04H 3/02** (2006.01); **D04H 3/147** (2012.01); **D04H 3/16** (2006.01)

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