Title (en)

VOLUME NONWOVEN FABRIC

Title (de)

VOLUMENVLIESSTOFF

Title (fr)

NON-TISSE DESTINE A DONNER DU VOLUME

Publication

EP 3133196 A1 20170222 (DE)

Application

EP 15181388 A 20150818

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Abstract (en)

[origin: CA2993887A1] The invention relates to methods for producing a volume nonwoven fabric, comprising the following steps: a) provision of a nonwoven fabric raw material, containing fiber balls and binding fibers, b) provision of an air-laying device, which has at least two spiked rollers, between which a gap is formed, c) processing of the nonwoven fabric raw material in the device in an air-laying method, wherein the nonwoven fabric raw material passes through the gap between the spiked rollers, wherein fibers or fiber bundles are pulled from the fiber balls by the spikes, d) laying on a laying apparatus, and e) thermal bonding, whereby the volume nonwoven fabric is obtained. The invention further relates to a volume nonwoven fabric comprising a volume-providing material, to uses thereof, and to textile materials.

Abstract (de)

Die Erfindung betrifft Verfahren zur Herstellung eines Volumenvliesstoffes, umfassend die Schritte: (a) Bereitstellen eines Vliesstoffrohmaterials, enthaltend Faserbällchen und Bindefasern, (b) Bereitstellen einer Airlaid-Vorrichtung, die mindestens zwei Stachelwalzen aufweist, zwischen denen ein Spalt ausgebildet ist, (c) Verarbeiten des Vliesstoffrohmaterials in der Vorrichtung in einem Airlaid-Verfahren, wobei das Vliesstoffrohmaterial den Spalt zwischen den Stachelwalzen passiert, wobei von den Stacheln Fasern oder Faserbündel aus den Faserbällchen herausgezogen werden, (d) Ablegen auf einer Ablageeinrichtung, und (e) thermisches Verfestigen unter Erhalt des Volumenvliesstoffes. Die Erfindung betrifft auch einen Volumenvliesstoff umfassend ein volumengebendes Material, Verwendungen davon und textile Materialien.

IPC 8 full level

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Citation (applicant)

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