

Title (en)

Method for manufacturing bulky nonwoven fabrics.

Title (de)

Verfahren zur Herstellung massiger Vliesstoffe.

Title (fr)

Procédé pour la fabrication de matériau compact non tissé.

Publication

EP 0391260 B1 19940622 (EN)

Application

EP 90106062 A 19900329

Priority

JP 8755989 A 19890406

Abstract (en)

[origin: EP0391260A1] A fiber bundle (2) comprising a plurality of composite fibers spun out of a spinneret (1) is blown against a working net conveyor (4) by a drawing force of a high-speed air stream while the air stream is sucked and removed from below the net conveyor (4) to deposit the fiber bundle on the net conveyor (4) to form a web (5), and the web (5) is then heat-treated to develop crimps and the fibers thermally adhere together at their points of contact, thereby obtaining a nonwoven fabric, wherein the air stream is blown against the web (5) from below the net conveyor (4) for a time before the heat-treatment, with an intensity sufficient to make the web to float in such a manner that the bottom face of the web rise above the net conveyor (4) by 0.2 to 30 mm.

IPC 1-7

D04H 1/04

IPC 8 full level

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CPC (source: EP)

D04H 3/16 (2013.01)

Cited by

EP1726699A1; CN1066502C; EP1726700A1; US5798305A; DE4305271A1; DE4305271C2; CN100378261C; KR100890322B1; EP0747521A3; DE19733493A1; DE19733493C2; EP0691427A1; CN1069354C; WO9906621A1; WO03056086A1; WO2020103964A1; US7036197B2; US8252706B2; US6984276B2; US6312545B1; US6632313B2

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