

Title (en)

METHOD AND DEVICE FOR STABILIZING THE EDGES OF A NONWOVEN WEB

Title (de)

VERFAHREN UND VORRICHTUNG ZUR STABILISIERUNG VON RÄNDERN EINES VLIESTOFFES

Title (fr)

PROCEDE ET DISPOSITIF DE STABILISATION DES BORDS D'UN VOILE NON TISSE

Publication

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Application

EP 03799046 A 20031001

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Abstract (en)

[origin: WO2004031463A2] A method for stabilizing the edges (B, B') of a nonwoven web (V) on a movable support surface (3), wherein the web is obtained by continuous carding and spinning (A) of long fibers (Fl) and by subsequently laying short fibers (Fc) on the web (V) which is driven on the movable support surface. As the short fibers (Fc) are laid thereon, the side edges (B, B') of the web (V) are at least partly covered and compressed against the movable support surface (3), so that in such area short fibers (Fc) are prevented from being laid along the edges, whose stability is thereby increased, by preventing rolling or folding thereof. The covering and compressing action is exerted on the longitudinal edges of the web over a length corresponding at least to the short fiber laying area, and over a transverse width which is predetermined by using a pair of plates (10, 10') which are designed to cover the edges (B, B') and are at least partly in contact with the movable support surface (3).

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