

Title (en)
METHOD FOR REINFORCING A WEB OF NONWOVEN FABRIC BY MEANS OF NEEDLING

Title (de)
VERFAHREN ZUM VERFESTIGEN EINER FASERVliesBAHN DURCH VERNADELUNG

Title (fr)
PROCEDE DE CONSOLIDATION D'UNE BANDE DE NON-TISSE PAR AIGUILLETAGE

Publication
EP 1644565 A1 20060412 (DE)

Application
EP 04764967 A 20040908

Priority
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Abstract (en)
[origin: US7117571B2] A system and method for reinforcing a textile web of a fiber web or a fiber fleece by needling in a plurality of directly successive steps are provided, in which the web is needed from both sides with a high needle density in an alternating manner and in the state of the needles stitched into the web is transported through a movement of the needles which extends in the longitudinal direction of the web, where each needle in a stitching-in movement grasps merely a single fiber, having a gauge of 1 to 2 dtex, from the web. By the aid of the invention very thin fleeces can be produced without damaging same during their processing.

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