

Title (en)

ARRANGEMENT AND METHOD FOR APPLYING ELASTIC ELEMENTS TO A MATERIAL WEB

Title (de)

ANORDNUNG UND VERFAHREN ZUR APPLIKATION VON ELASTISCHEN ELEMENTEN AUF EINER MATERIALBAHN

Title (fr)

ENSEMBLE ET PROCEDE PERMETTANT D'APPLIQUER DES ELEMENTS ELASTIQUES SUR UNE BANDE DE MATIERE

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Application

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Abstract (en)

[origin: WO2004073568A1] The invention relates to an arrangement for applying elastic elements (1a, 1b, 1c) to a continuous material web (7), comprising a first roll device (4, 5; 4, 5') for advancing the said elastic elements (1a, 1b, 1c) in series one after the other and at a first predetermined speed (v1) and a second roll device (6; 11, 12) for advancing the said material web (7) at a second predetermined speed (v2). The invention is characterized in that the said second speed (v2) exceeds the said first speed (v1) and in that the said arrangement comprises an abutment surface (6; 10a) arranged at a distance (d) from the said first roll device (4, 5; 4, 5') which is less than the combined thickness of the said elastic elements (1a, 1b, 1c) and the said material web (7), an elongation of the said elastic elements (1a, 1b, 1c) in their longitudinal direction being realised as they pass between the said first roll device (4, 5; 4, 5') and the said abutment surface (6; 10a). The invention also relates to a method for the said application of elastic elements and to an absorbent product produced by means of the said arrangement and method. The invention produces an improved method for applying elastic elements, offering low material consumption and a neat appearance of a finished article in the form of an absorbent product.

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