

Title (en)

Method and apparatus for regulating the pulling force in a textile sheet-like material.

Title (de)

Verfahren und Vorrichtung zum Regeln der Bahnzugkraft einer Textilbahn.

Title (fr)

Procédé et installation pour réguler la force de traction d'une matière textile en bande.

Publication

EP 0534151 B1 19951102 (DE)

Application

EP 92114506 A 19920826

Priority

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Abstract (en)

[origin: EP0534151A1] The invention relates to a method and an apparatus for regulating the web pulling force of a textile web (2). Particularly where sensitive fabrics are concerned, the fabric web, when spread out and oriented on a guiding and stentering roller (4) or segment-regulating roller and subsequently taken up by a following fixing roller, is warped and distorted as a result of highly fluctuating web pulling forces in its fabric. This is a great disadvantage for the further processing of the fabric web. According to the invention, the fabric-web pull is measured in the following fixing roller (8), and these values are applied to a drive of the guiding and stentering roller which, by means of the control, acquires variable rotational speeds and thus keeps the material-web pulling force constant between the guiding and stentering roller and the fixing roller. Undesirable distortions in the material web running through are thereby avoided. <IMAGE>

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