

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

DE 4131760 A 19910924

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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IPC 8 full level

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