

Title (en)

METHOD FOR GUIDING A WEB OF MATERIAL

Title (de)

VERFAHREN ZUM FÜHREN EINER MATERIALBAHN

Title (fr)

PROCEDE PERMETTANT DE GUIDER UNE BANDE

Publication

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Application

EP 00949476 A 20000809

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Abstract (en)

[origin: US6704978B1] The present invention relates to a method for guiding a flat web of material (1) in which the web of material (1) runs in an arrangement of rotating rollers at a web speed v_F . The web of material is guided in its peripheral region via a spreader roll (2) which produces a tensile stress in the transverse direction, i.e. crosswise relative to the machine direction of the web of material (1), wherein this tension in the transverse direction is controlled by means of closed-loop control of the circumferential speed v_R of the spreader roll (2) and/or by open-loop control of the cant angle α and/or of the wrap angle β between the surface of the spreader roll (3) and the web of material (1) and wherein the circumferential speed v_R is greater than the web speed v_F .

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