

Title (en)

METHOD AND DEVICE FOR Laterally ALIGNING THE Lateral EDGE OF MOVING FLAT MATERIAL WEBS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM SEITLICHEN AUSRICHTEN DER RANDKANTE VON BEWEGTEN FLACHMATERIALBAHNEN

Title (fr)

PROCEDE ET DISPOSITIF POUR L'ALIGNEMENT LATERAL DES BORDS DE BANDES DE MATERIAU PLAT EN DEPLACEMENT

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Application

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Abstract (en)

[origin: DE19546208A1] The invention concerns a method and device for laterally aligning a lateral edge of flat material webs (10) fed to a machining station (16). The lateral position of the edge (26) transversely to the feed direction (14) is detected, so that a position signal is formed and the flat material web (10) is conveyed transversely to the feed direction as a function of this position signal. According to the invention, for transverse conveying, two elongate cylindrical friction rollers (32, 34), whose axes of rotation are aligned transversely to the feed direction (14), are first alternately urged against the flat material web so that they entrain the flat material web (10) in the sense of their axes of rotation (32', 34') and, as a function of the position signal, are moved in a reciprocating manner between two end positions and, secondly, are raised off the flat material web, the change of rollers being triggered whenever the end positions are reached.

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