

Title (en)

METHOD FOR AUTOMATICALLY CALIBRATING VERTICAL ROLLERS OF A VERTICAL ROLLER FRAME AND CALIBRATION ARRANGEMENT FOR CARRYING OUT SAID METHOD

Title (de)

VERFAHREN ZUR AUTOMATISCHEN KALIBRIERUNG VON VERTIKALROLLEN EINES VERTIKALWALZGERÜSTS SOWIE KALIBRIERANORDNUNG ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

PROCÉDÉ D'ÉTALONNAGE AUTOMATIQUE DE ROULEAUX VERTICAUX D'UNE CAGE DE LAMINOIR VERTICALE ET SYSTÈME D'ÉTALONNAGE POUR METTRE EN OEUVRE CE PROCÉDÉ

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Abstract (en)

[origin: WO2021156424A1] The invention relates to a method for automatically calibrating vertical rollers (7) of a vertical roller frame (1), each of which rollers are mounted in a vertical roller unit (3) which is adjustable in relation to a specified center line (2) of a plurality of components arranged in a roller train. The method comprises the method steps of: a) adjusting the vertical roller units (3) to a calibration position crosswise to the center line (2) against at least one stationary stop of the vertical roller frame (1), which has a specific known position in relation to the center line (2), b) calculating a calibrated starting distance A_{kal} between an outside edge (13) of a vertical roller, which outside edge points toward a rolled material or to the center line (2), and the center line (2) in the calibration position, and c) engaging the vertical roller units (3) in a defined operating position. The invention further relates to a calibration arrangement on a vertical roller frame (1) for carrying out the method.

IPC 8 full level

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