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INCLINED POSITION ADJUSTMENT

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Application

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Abstract (en)

[origin: WO03045598A1] The invention relates to a device and a method for adjusting the inclined position of the drive rollers (105a, 105b) of a rolling frame, at least one bending cylinder (102a, 102b) and a servo valve (217, 218) being provided on both the working side and the operating side of the rolling frame. According to the invention, locators (103a, 103b) are used to record the path modification caused by the bending cylinders (102a, 102b) and the classic inclined position adjusting device, which operates with the aid of the positioning cylinders (101a, 101b), is corrected in order to maintain the positioning margin during the bending adjustment. This permits a fine adjustment of the inclined position in the bending units around the working location. In contrast to conventional designs, the inclined position of the rolling gap is adjusted by means of a novel adjustment device, which uses the generators of the rolling gap to obtain the actual value and carries out corrections by means of the bending control circuit (210).

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