

Title (en)
METHOD FOR MONITORING AND FOR CHANGING THE POSITION OF AT LEAST ONE RUNNING BAR OF A METAL PRESS, AND METAL PRESS

Title (de)
VERFAHREN ZUR ÜBERWACHUNG UND LAGEVERSTELLUNG WENIGSTENS EINES LAUFHOLMS EINER METALLPRESSE SOWIE METALLPRESSE

Title (fr)
PROCÉDÉ DE SURVEILLANCE ET DE MODIFICATION DE LA POSITION D'AU MOINS UNE BARRE DE ROULEMENT D'UNE PRESSE MÉTALLIQUE, ET PRESSE MÉTALLIQUE

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Abstract (en)
[origin: WO2022078901A1] The invention relates to a method for monitoring the position and changing the position of at least one component, more particularly a running bar (3), slidingly guided within a press frame (2) between abutments of the press frame (2). The method comprises continuously measuring a central alignment of the component within the press frame (2) and correcting the alignment of the component within the press frame (2) in accordance with the acquired measurement result by means of preferably automatically adjustable guide elements (10) of the sliding guides (6) of the press. The central alignment of the slidingly guided component within the press frame (2) is measured by the sensing of the location of at least one, preferably two reference points (7) of the slidingly guided component preferably in a plane extending perpendicularly to the longitudinal center axis (4) of the press. The invention also relates to a press having automatically adjustable guide elements (10) and means for controlling the guide elements (10) in accordance with the measured position of the component.

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