

Title (en)
BENDING AND BALANCING DEVICE FOR AXIALLY SHIFTABLE WORK ROLLS OF A ROLLING MILL

Title (de)
BIEGE- UND AUSBALANCIERVORRICHTUNG FÜR AXIAL VERSCHIEBBARE ARBEITSWALZEN EINES WALZGERÜSTES

Title (fr)
DISPOSITIF DE FLEXION ET D'ÉQUILIBRAGE POUR DES CYLINDRES DE TRAVAIL À DÉPLACEMENT AXIAL D'UNE CAGE DE LAMINOIR

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Application
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Abstract (en)
[origin: WO2010084011A1] The invention relates to a bending and balancing device for axially shiftable work rolls (10, 10') of a rolling mill, especially of a four-high rolling mill, guide blocks (2) being provided at both sides in the window of every mill housing (1) on the level of the work roll inserts (3, 3') and the force of bending and balancing cylinders (5) being transmissible onto the work roll inserts that are guided in the axial direction and so as to be shiftable in the vertical direction. The guide blocks are subdivided into respective upper and lower guide blocks (2, 2'), the upper guide blocks (2) are mounted in the mill housing window so as to be vertically shiftable, the lower guide blocks (2') are mounted in the mill housing window so as to be fixed or so as to be vertically shiftable, and a bending and balancing cylinder (5) is arranged in every of the associated upper and lower guide blocks and is guided by the same and engages with the upper and the lower work roll insert.

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