

Title (en)

METHOD AND DEVICE FOR AUTOMATICALLY ADJUSTING THE POSITION OF WORKING ROLLS IN ROLLING EQUIPMENT

Title (de)

VERFAHREN UND VORRICHTUNG FÜR DIE AUTOMATISCHE EINSTELLUNG DER POSITION VON ARBEITSWALZEN BEI EINER WALZANLAGE

Title (fr)

MÉTHODE ET DISPOSITIF DE RÉGLAGE AUTOMATIQUE DE LA POSITION DES CYLINDRES DE TRAVAIL D'UNE INSTALLATION DE LAMINAGE

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Abstract (en)

[origin: WO2011018126A1] The present invention relates to a method and device for adjusting an offset (O) of a pair of working rolls (2, 2') relative to a pair of support rolls (3, 3') in rolling equipment, said offset (O) being defined in that a plane (P') containing the axes of rotation of said working rolls (2, 2') is offset relative to a plane (P) which is perpendicular to the traveling plane of a strip (1) to be rolled and through which the axes of said support rolls (3, 3') of said working rolls (2, 2') pass, characterized in that the device includes: a module (8) for identifying rolling parameters; a module (9) for determining, from said rolling parameters, at least one first offset value (O) enabling a reduction in the stresses parallel to a traveling plane of a strip (1) on the working rolls (2, 2'); an offset controller (10) for maintaining said offset at said first offset value throughout the duration of a rolling program, unless at least one other offset value has been predetermined.

IPC 8 full level

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Cited by

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