

Title (en)

METHOD AND CONTROL DEVICE FOR OPERATING A MILL TRAIN FOR METAL STRIP

Title (de)

VERFAHREN UND STEUERVORRICHTUNG ZUM BETRIEB EINER WALZSTRASSE FÜR METALLBAND

Title (fr)

PROCEDE ET DISPOSITIF DE COMMANDE POUR FAIRE FONCTIONNER UN TRAIN DE LAMINOIR POUR BANDE METALLIQUE

Publication

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Application

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Abstract (en)

[origin: US2007006625A1] The invention relates to a method and a control device for operating a mill train for metal strip, which comprises at least one roll stand, the intrinsic flatness of the metal strip being determined at the discharge point of the mill train. In order to ensure in a reliable and sufficiently accurate manner that a required visible flatness of the rolled metal strip is kept within predefined limits, the bulging behavior of the metal strip is measured at the discharge point of the mill train and is translated into the intrinsic flatness of thermal strip by means of a bulging model. The visible flatness can thus be better regulated online along the entire mill train by using the bulging mode.

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