

Title (en)
THIN-STRIP COILER COMPRISING A FLATNESS MEASURING ROLL

Title (de)
DÜNNBANDHASPEL MIT PLANHEITSMESSROLLE

Title (fr)
BOBINEUSE A BANDE MINCE MUNIE D'UN ROULEAU DE MESURE DE PLANEITE

Publication
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Application
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Abstract (en)
[origin: WO03004963A1] The invention relates to a method and device for measuring and influencing the strip flatness in the coiler shaft of a hot-strip mill, whereby the coiler shaft has, between a driver and a coiler, moving and stationary strip guides as well as a flatness measuring roll (13). The hot strip (1) is supplied via the coiler shaft to a coiler, which is provided with a coiler mandrel (5), pressure rolls (6) and with deflecting shells (7), over a roller table (2) and the driving rolls (3, 4) of the driver. The flatness measuring roll (13) is displaced out of a working position, in which the hot strip is guided around the flatness measuring roll (13) while maintaining an approximately constant contact angle α , and into a lowered position. In addition, a strip guide (14), which can swivel inward and protects the flatness measuring roll (13), is placed inside the coiler shaft.

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