

Title (en)
PROCESS AND DEVICE FOR INTENTIONALLY INFLUENCING THE GEOMETRY OF ROUGHED-DOWN STRIPS IN A ROUGHING-DOWN STAND

Title (de)
VERFAHREN UND VORRICHTUNG ZUR GEZIELTEN BEEINFLUSSUNG DER VORBANDGEOMETRIE IN EINEM VORGERÜST

Title (fr)
PROCEDE ET DISPOSITIF POUR INFLUENCER DE FAÇON CIBLEE LA GEOMETRIE D'UNE EBAUCHE DE FEUILLARD DANS UN TRAIN EBAUCHEUR

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Application
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Abstract (en)
[origin: WO2006119984A1] When rolling hot-rolled strips, different draughts per pass might occur during the rolling operation over the length of the roll gap, due to changes in the hardness of the rolling stock, to the roll gap itself or to the geometry of the incoming rolling stock. These different draughts per pass lead to lateral deviations and shifts of the rolling stock in the roll stand and to a lateral bending of the outgoing hot-rolled strip. In order to avoid these defects by intentionally influencing the geometry of the rough-rolled strip, it is proposed to interconnect in at least one roughing-down stand a dynamic positioning in the roughing-down stock (1) with fast and powerful lateral guides (8, 9) arranged before and after the roughing-down stand (1), by corresponding regulation operations, in such a way that a grainy or tapering bloom (4) is shaped into a straight and taper-free roughed-down strip (5) in one or more passes, in continuous or reciprocating operation.

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