

Title (en)
DEVICE AND METHOD FOR CALIBRATING A ROLLER LEVELLER MACHINE BY MEANS OF AN INSTRUMENTED BAR

Title (de)
VORRICHTUNG UND VERFAHREN ZUM KALIBRIEREN EINER ROLLENRICHTMASCHINE MITTELS EINES INSTRUMENTIERTEN STABS

Title (fr)
DISPOSITIF ET PROCEDE DE CALIBRAGE D'UNE PLANEUSE A ROULEAUX PAR BARRE INSTRUMENTEE

Publication
EP 1601477 A1 20051207 (FR)

Application
EP 04716623 A 20040303

Priority
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Abstract (en)
[origin: US2007033976A1] A device for calibrating a multi-roll leveler for leveling a metal strip includes an assembly having two series of rolls, namely upper rolls and lower rolls which face each other so as to imbricate the rolls of one series into those of the other. The series of rolls are placed substantially parallel to each other and perpendicular to the run direction of the strip to be leveled. A rigid measurement bar of sufficient length is positioned in the leveling direction between the upper and lower rolls, extending over all the rolls, and having rigid protrusions integral with the bar reproducing, when they are placed plumb with the lower rolls, the action of the lower rolls and their mechanical properties. A thin metal plate rests on these protrusions and is fastened to one of them at around the middle of the bar and includes extensometers for measuring its elastic deformations.

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Citation (search report)
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Cited by
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