

Title (en)
DEVICE FOR MEASURING THE ROLL GAP BETWEEN THE WORKING ROLLERS OF A COLD OR WARM ROLLING STAND

Title (de)
EINRICHTUNG ZUR MESSUNG DES WALZSPALTES ZWISCHEN ARBEITSWALZEN EINES KALT- ODER WARMWALZGERÜSTES

Title (fr)
DISPOSITIF DE MESURE DE L'EMPRISE ENTRE LES CYLINDRES DE TRAVAIL D'UNE STRUCTURE DE LAMINAGE A FROID OU A CHAUD

Publication
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Application
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Priority

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Abstract (en)
[origin: WO03053604A1] A device for measuring the roll gap (7) between the working rollers (1 a; 1 b) of a cold or warm rolling stand for rolling out narrow or wide strips of metal, especially NE metal strips, by means of roll gap sensors (6) whose signals are transmitted to the servo-valves of the compressed oil control as a roll gap setpoint value for the piston cylinder units influencing said roll gap (7), and used to provide a roller gap measurement which is also suitable for such cases involving the lateral progression of said strip. In order to achieve said aim, the position or travel sensor (6) is provided in at least one bending cylinder (5a;5b) for the working cylinders (1 a, 1 b) for indirect reference measurement of the roll gap via the positively or negatively acting bending cylinders (5a; 5b).

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