

Title (en)
METHOD OF ROLLING A METAL STRIP

Title (de)
VERFAHREN ZUM WALZEN EINES METALLBANDES

Title (fr)
PROCEDE DE LAMINAGE D'UNE BANDE DE METAL

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Application
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Abstract (en)
[origin: US2009100890A1] The invention concerns a rolling stand, a rolling train, and a method for rolling a stepped preprofiled metal strip. In order to guarantee that the metal strip is free of waviness in its longitudinal direction, even after individual thickness reduction of the steps, the invention proposes that the thickness reduction be carried out on a step-specific basis according to the following mathematical relationship: $\Delta t_i/h_i = \Delta t_i/h_i + 1 = \epsilon = \text{constant}$, where Δt_i represents the amount of the thickness reduction in the region of the i -th step, and h_i represents the value of the resulting thickness of the metal strip 200 after rolling in the region of the i -th step.

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