

Title (en)

METHOD AND DEVICE FOR CONTINUOUSLY PRODUCING A THIN METAL STRIP

Title (de)

VERFAHREN UND VORRICHTUNG ZUM KONTINUIERLICHEN HERSTELLEN EINES DÜNNEN METALLBANDES

Title (fr)

PROCEDE ET DISPOSITIF DE PRODUCTION CONTINUE D'UNE FINE BANDE METALLIQUE

Publication

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Application

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Abstract (en)

[origin: WO2006042606A1] The invention relates to a method for continuously producing a thin metal strip, particularly a steel hot-rolled strip, directly from a metal melt and with a strip casting thickness of < 10 mm after the roll casting process. The cast metal strip is fed to an in-line thickness reduction and to a storage device afterwards. The aim of the invention is to achieve, in a continuous production process, directly from the metal melt and with a low strip casting thickness, a high-quality hot-rolled metal strip with comparable flatness tolerances that, at present, can be obtained during the production of hot-rolled metal strip from continuously cast thin slabs or slabs, with casting thicknesses ranging from 40 to 300 mm. To this end, a measurement of flatness is carried out on the moving metal strip, and the measurement results of this measurement of flatness are drawn upon for specifically influencing the flatness of the metal strip.

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