

Title (en)
METHOD AND INSTALLATION FOR PRODUCING A METAL STRIP

Title (de)
VERFAHREN UND ANLAGE ZUR HERSTELLUNG EINES METALLBANDES

Title (fr)
PROCEDE ET INSTALLATION POUR FABRIQUER UNE BANDE DE METAL

Publication
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Application
EP 01983261 A 20010511

Priority

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- EP 0105394 W 20010511

Abstract (en)
[origin: WO0194049A1] The invention relates to a method and to an installation for producing a metal strip. The aim of the invention is to make sure that the metal strip formed in the casting installation passes through the first cooling and grain texturing phase substantially without being subjected to stress and without effects on the subsequent installations. To this end, the molten bath is fed to a two-roll casting device and a cast metal strip is formed in the casting gap between two casting rolls whose rotational axes lie in a horizontal plane (two-roll casting method), the thickness of the cast strip ranging between 1.0 to 20 mm, preferably between 1.5 to 12 mm. The cast metal strip that freely emerges downwards from the two-roll casting installation is directly deflected from the vertical casting direction to a substantially horizontal transport direction. The metal strip is taken up and conveyed in a controlled manner by means of a first drive roll stand that operates at a first transport speed. The metal strip is then stored for a short time in a strip accumulator, and is then taken up and conveyed by means of a second drive roll stand that operates at a second transport speed. In a final step, the metal strip is coiled up to a bundle under pretension.

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