

Title (en)

METHOD AND APPARATUS FOR THE VERTICAL CONTINUOUS CASTING OF A STEEL STRIP

Title (de)

VERFAHREN UND ANLAGE ZUM VERTIKALEN STRANGGIESSEN EINES STAHLBANDES

Title (fr)

PROCEDE ET DISPOSITIF DE COULEE CONTINUE VERTICALE D'UN FEUILLARD D'ACIER

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Application

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Abstract (en)

[origin: WO02090018A1] The invention relates to a method for the vertical continuous casting of a steel strip, whereby a billet (11) is firstly cast in a travelling mould (2) with a cross-section having a parallelogram-like form and then the above starting cross-section with thoroughly set longitudinal edges (10) and fluid core, is transformed into a strip (1) with plane parallel cross-section, in which the already set outer shell (9) of the billet (11), becoming increasingly thick with cooling is progressively pressed together in the direction of casting without deranging the longitudinal edges which are set through. According to the invention, advantageous conditions may be achieved, whereby, after pressing the billet (11) to give a strip (1) with a core (16) which is still fluid, the above is merely guided through a mould gap during the setting of the core, with a constant width, corresponding to the thickness of the set longitudinal edges (10) and is thus calibrated.

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