

Title (en)

METHOD FOR THE CONTINUOUS CASTING OF A THIN STRIP AND DEVICE FOR CARRYING OUT SAID METHOD

Title (de)

VERFAHREN ZUM STRANGGIESSEN EINES DÜNNEN BANDES SOWIE VORRICHTUNG ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

PROCEDE DE COULEE CONTINUE D'UNE BANDE MINCE ET DISPOSITIF CORRESPONDANT

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Application

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Abstract (en)

[origin: WO9948635A1] The invention relates to a method for the continuous casting of a thin strip (1) using the two-roll method. According to said method molten metal (7) is cast into a casting slit (3), which is formed by two casting rolls (2) and corresponds to the thickness of the strip (1) to be cast, resulting in the formation of a molten bath (6). The surfaces (11) of the casting rolls (2) located above the molten bath (6) are rinsed with an inert gas or an inert gas mixture in accordance with the state of the surfaces (11) of the casting rolls (2). To avoid local thermal deformations, the surfaces (11) of the casting rolls (2) are observed along their entire length so as to detect local variations in their state. When local variations in state are detected, the gas rinsing of the surfaces (11) of the casting rolls (2) is carried out such that it differs locally in accordance with local variations observed along the entire length of the casting rolls (2).

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