

Title (en)

METHOD AND APPARATUS FOR THE LATERAL GUIDANCE OF THE MELT DURING STRIP CASTING

Title (de)

VERFAHREN UND VORRICHTUNG ZUR SEITLICHEN STRÖMUNGSFÜHRUNG EINER METALLSCHMELZE BEIM BANDGIESSEN

Title (fr)

PROCÉDÉ ET DISPOSITIF DE GUIDAGE LATÉRAL DE L'ÉCOULEMENT D'UN MÉTAL EN FUSION LORS D'UNE COULÉE EN BANDE

Publication

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Application

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Abstract (en)

[origin: WO2011047858A1] The present invention relates to a method for laterally passively guiding the flow of a metal melt during strip casting utilizing the Coanda effect, the melt flowing along adjacent fixed edges at the outlet of the casting spout and the melt being led onto a moving belt via the casting spout. The present invention further relates to a device for strip casting by means of laterally guiding the flow of a metal melt 3, having a casting spout 1 via which the melt 3 flows onto a moving belt 4, wherein the fire-resistant side wall in the outlet region of the casting spout 1 is formed three-dimensionally and so as to promote flow, in order to utilize the Coanda effect.

IPC 8 full level

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