

Title (en)
METHOD AND DEVICE FOR PRODUCING SLABS

Title (de)
VERFAHREN UND VORRICHTUNG ZUM ERZEUGEN VON BRAMMEN

Title (fr)
PROCEDE ET DISPOSITIF POUR LA PRODUCTION DE BRAMES

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Application
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Abstract (en)
[origin: DE19724232A1] The invention relates to a method for producing slabs having a thickness D of > 100 mm at casting speeds $v < 3\text{m/min}$. in a continuous casting installation, in which melt is fed to a casting die from a container by means of a submerged nozzle, from which a casting cup encompassing a crater is drawn out into a strand guide frame on the mouth side, specially a bow-type continuous casting machine. According to the invention the fed melt enters the casting die at a speed (v_K) which, in relation to the strand draw-out speed V_B , is $v_K : v_B = 6 : 1 - 60 : 1$ and the flow filaments of the fed melt are guided in such a way that they penetrate the crater at a depth $L < 2\text{ m}$ in relation to the melt level in the form of a large face with a rectangular profiled cross-section. The invention also relates to a device for producing slabs.

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