

Title (en)

METHOD AND DEVICE FOR CONTINUOUS CASTING OF METAL SLABS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM STRANGGIEßEN EINES METALLSTRANGS

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR LA COULÉE CONTINUE D'UNE BRAME METALLIQUE

Publication

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Application

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Abstract (en)

[origin: WO2011144478A1] The invention relates to a method and an apparatus for the continuous casting of a metal bar. The method uses a flexible dummy bar, which can be introduced into a mould and has a stopping and withdrawing head at its end remote from the leading dummy bar end, and a dummy bar car, which is arranged on a casting floor and onto which the dummy bar is drawn after being detached from the hot bar, wherein the dummy bar car receives the leading dummy bar end on a loading side and moves it by means of an endless chain running around on sprockets in the direction of the mould to an unloading side for the next initial casting. With such a method and apparatus it is intended in particular for it to be possible for a long dummy bar to be handled unproblematically in a bow-type continuous casting machine. For this purpose, the dummy bar received on the loading side is deflected by means of the endless chain on the unloading side from an upper running path of the dummy bar car to a lower running path, on which the dummy bar is returned with its leading dummy bar end so far in the direction of the loading side that the entire dummy bar is accommodated in a wound-up form by the dummy bar car, and the leading dummy bar end assumes an outward transporting position facing the loading side.

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