Title (en)

METHOD AND DEVICE FOR THE CONTINUOUS PRODUCTION OF ELECTROSLAG-CASTED OR -REMELTED BILLETS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR KONTINUIERLICHEN HERSTELLUNG VON GEGOSSENEN ODER UMGESCHMOLZENEN STRÄNGEN NACH EINEM ELEKTROSCHLACKE-VERFAHREN

Title (fr)

PROCEDE ET DISPOSITIF DE REALISATION EN CONTINU DE TIGES COULEES OU REFONDUES SELON UN PROCEDE SOUS LAITIER ELECTROCONDUCTEUR

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Application

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Abstract (en)

[origin: DE10023098A1] The invention relates to a method and to a device required for carrying out said method for the continuous production of electroslag-casted or remelted billets or ingots from metal, especially from steels and Ni and Co base alloys in a water-cooled ingot mold (10) that is open towards the bottom. The billet (20) that is issued from the bottom of the ingot mold (10) is forced against a guide element (24, 24a) that is stationary with respect to its position to the ingot mold axis (A) by at least one clamping element (26) that is located opposite said guide element in such a manner that the areas of the billet surface that contact the guide or clamping elements (24, 26) change within short time intervals. At least one of those elements is driven to draw the billet while the other elements follow the movement of the billet. The method is also characterized in that at least one of the elements mentioned can be used to establish a contact with a source of current.

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