

Title (en)

METHOD AND DEVICE FOR PRODUCING A MICROALLOYED STEEL, IN PARTICULAR A PIPE STEEL

Title (de)

VERFAHREN UND VORRICHTUNG ZUM HERSTELLEN EINES MIKROLEGIERTEN STAHL, INSBESONDERE EINES RÖHRENSTAHL

Title (fr)

PROCÉDÉ ET DISPOSITIF DE FABRICATION D'UN ACIER MICRO-ALLIÉ, EN PARTICULIER D'UN ACIER POUR TUBES

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Application

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Abstract (en)

[origin: WO2011015365A1] The invention relates to a method for producing a microalloyed steel, in particular a pipe steel, wherein a cast slab (1) runs through an apparatus (2), comprising in the conveying direction (F) of the slab (1) in the following order: a casting machine (3), a first furnace (4), at least one roughing stand (5), a second furnace (6), at least one finishing stand (7) and one cooling path (8). The method comprises: a) defining a desired temperature profile for the slab (1) for the path thereof through the apparatus (2); b) positioning at least one temperature influencing element (9, 10) for tempering the slab (1) according to the defined temperature profile in the process line (L) of the apparatus (2), wherein the temperature influencing element (9, 10) is inserted between the first furnace (4) and the at least one roughing stand (5) and/or between the second furnace (6) and the at least one finishing stand (7); c) producing the slab (1) in the apparatus (2) configured in said manner, wherein the at least one temperature influencing element (9, 10) is operated in such a way that the defined temperature profile is maintained to a great extent. Furthermore, the invention relates to an apparatus for producing a microalloyed steel.

IPC 8 full level

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