

Title (en)
METHOD FOR THE PRODUCTION OF A STRIP MADE OF STEEL

Title (de)
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Title (fr)
PROCÉDÉ POUR FABRIQUER UNE BANDE D'ACIER

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Abstract (en)
[origin: CA2689457A1] The invention relates to a method for the production of a strip (1) made of steel, wherein a slab (3) is first cast in a casting machine (2), wherein the slab (3) exits the casting machine (2) at a casting speed (v) at a given slab thickness (H), wherein the slab (3) is subsequently rolled into a strip (1) in at least one rolling train (4, 5) using a number of rolling frames (6, 7), and wherein the strip (1) has a final thickness (dE) after the last rolling frame (6, 7). In order to maintain optimum processing conditions and be able to react to unexpected events, the invention provides the following process steps: a) depositing a functional correlation in a machine control (8) between the casting speed (v) or the mass flow (v x h), or as a product of the casting speed and the slab thickness (v x H), or as the product of strip speed and strip thickness and the strip temperature (T) after the last rolling frame (7) rolling the strip (1) for a different number (n) of active rolling frames (7) and different final thicknesses; b) calculation or specification of the casting speed (v) or the mass flow (v x H) and supplying the determined value to the machine control (8); c) determining the optimum number of active rolling frames (7) and the final thicknesses and decreases in thickness that can be rolled in the rolling train based on the functional processes stored in the machine control (8) according to step a) in order to obtain a desired strip temperature (T) after the last active rolling frame (7) at the given casting speed (v), or at the given mass flow (v x H); d) starting up a number of rolling frames (7) of the rolling train (5) such that only the number of rolling frames (7) determined according to step c) is active.

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