

Title (en)

METHOD FOR CONTINUOUS AUSTENITIC ROLLING OF A PRELIMINARY STRIP, WHICH IS PRODUCED IN A CONTINUOUS CASTING PROCESS

Title (de)

VERFAHREN ZUM KONTINUIERLICHEN AUSTENITISCHEN WALZEN EINES IN EINEM KONTINUIERLICHEN GIESSPROZESS HERGESTELLTEN VORBANDES

Title (fr)

PROCÉDÉ DE LAMINAGE AUSTÉNITIQUE CONTINU D'UNE BANDE FABRIQUÉE LORS D'UN PROCESSUS DE COULÉE CONTINU

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Abstract (en)

[origin: WO2009065840A1] The object of the invention is a method for the continuous austenitic rolling of a preliminary strip, which is produced in a continuous casting process in a continuous casting facility at a casting thickness of less than 300 mm, by performing thickness reduction steps in at least one of multiple sequential rolling stands, which form a rolling train, into a hot strip having a rolling final thickness between 0.5 and 15 mm without parting cut between the casting facility and rolling train. In order to reduce the investment outlay while simultaneously increasing the capacity, it is proposed that the preliminary strip (6) be reduced in thickness using a number of n deformation steps in each of the rolling trains (W, W1, W2, W3) disposed downstream of the continuous casting facility, said number n of the thickness reduction steps to be performed being determined by the condition (I). Furthermore, the invention relates to a casting and rolling facility for applying the method.

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