

Title (en)

ROLLING TRAIN FOR PRODUCING A METAL STRIP AND METHOD FOR PRODUCING A ROLLING TRAIN

Title (de)

WALZSTRASSE ZUM HERSTELLEN EINES METALLBANDES UND VERFAHREN ZUR HERSTELLUNG EINER WALZSTRASSE

Title (fr)

TRAIN DE LAMINAGE POUR LA FABRICATION D'UNE BANDE METALLIQUE ET PROCEDE DE FABRICATION D'UN TRAIN DE LAMINAGE

Publication

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Application

**EP 11758234 A 20110922**

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Abstract (en)

[origin: WO2012045585A2] The present invention relates to a rolling train for producing a metal strip (40), in particular a hot rolling train, comprising at least one rolling stand (10) for rolling the metal strip (40), at least one unit (10) adjacent to the rolling stand and at least one loop lifter (20), which is arranged between the rolling stand (10) and the adjacent unit and has a loop lifter roller (22) for regulating the strip tension and/or for balancing out mass flow disturbances, wherein the loop lifter roller (22) is arranged within the volume defined by one of the rolling stands. The invention also relates to a rolling train for producing a metal strip (40), in particular a hot rolling train, comprising at least one rolling stand (10) for rolling the metal strip (40), at least one unit (10) adjacent to the rolling stand and at least one lateral run-in guide (30), which is arranged between the rolling stand (10) and the at least one unit and is intended for introducing the metal strip into the downstream rolling stand, wherein the adjusting device (32) of the lateral run-in guide (30) is arranged within the volume defined by the rolling stand (10). In addition, the present invention relates to a rolling train for producing a metal strip (40), in particular a hot rolling train, comprising at least one rolling stand (10) for rolling the metal strip (40), at least one unit (10) adjacent to the rolling stand and at least one induction heater (50), arranged between the rolling stand (10) and the at least one unit, for heating the metal strip (40), wherein the induction heater (50) is formed compactly in the strip running direction.

IPC 8 full level

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Cited by

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