

Title (en)

COILBOX LOCATED BETWEEN THE ROUGHING TRAIN AND THE FINISHING TRAIN IN A HOT-ROLLING MILL

Title (de)

COILBOX ZWISCHEN VORSTRASSE UND FERTIGSTRASSE IM WARMWALZWERK

Title (fr)

CAISSE A ROULEAUX MONTEE ENTRE LE TRAIN DEGROSSISSEUR ET LE TRAIN FINISSEUR D'UN LAMINOIR A CHAUD

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Abstract (en)

[origin: US2007012082A1] The invention relates to a method for expanding the use of a coiling and uncoiling station (coilbox) located between the roughing train and the finishing train for rolled strip material in hot-rolling mills. The use of said coilbox is expanded by impinging the coil that is to be uncoiled with a pressing force (F) which acts in the direction of the roller table (4) and/or placing the coil in a depression of the roller table in order to process smaller coil weights in a spikeless coilbox, and/or by combining, in a chronological and weight-related manner, the active transfer and passive transfer of a coil from a first coiling station to a second coiling station in order to increase the throughput especially at average coil weights in a spikeless coilbox, and/or by supplying heat to the strip upstream or downstream of the spikeless coilbox and/or thermally insulating the strip or the coilbox in order to variably increase and homogenize the strip temperature. The invention further relates to a correspondingly equipped device for carrying out said method.

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