

Title (en)

METHOD AND DEVICE FOR PRODUCING A METAL STRIP IN A CONTINUOUS CASTING AND ROLLING PROCESS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINES METALLISCHEN BANDES IM KONTINUIERLICHEN GIESSWALZVERFAHREN

Title (fr)

PROCÉDÉ ET DISPOSITIF DE FABRICATION D'UNE BANDE MÉTALLIQUE PAR LE PROCÉDÉ DE LAMINAGE DE COULÉE CONTINUE

Publication

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Application

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Abstract (en)

[origin: WO2015101577A1] The invention relates to a method for producing a metal strip (1) in a continuous casting and rolling process, wherein first a slab is cast in a casting machine and the slab is fed to a finishing rolling mill arranged downstream in a conveying direction (F) of the strip (1) and is rolled there. According to the invention, in order to enable the recycling of scrap while achieving a compact design, the following steps are performed in the event of a planned or unplanned production interruption in the finishing rolling mill: a) cutting through the strip (1) at a location (4) between the casting machine (2) and the finishing rolling mill by means of a cutting device (5); b) conveying the part of the strip (1) following the cut into a strip store (6) by means of a driver (7), wherein the driver (7) is arranged after the cutting device (5) in the conveying direction (F); c) cutting through the strip (1) again by means of the cutting device (5) and cutting up the following part of the strip (1) into pieces by means of the cutting device (5); d) cutting up the stored strip segment into pieces preferably having a defined longitudinal extent. The invention further relates to a device for performing the method.

IPC 8 full level

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