

Title (en)

Method and device for rolling of hot wide strip of continuously cast thin slabs

Title (de)

Verfahren und Anlage zum Auswalzen von Warmbreitband aus stranggegossenen Dünnbrammen

Title (fr)

Méthode et dispositif pour laminage de bandes larges à brames minces en coulée continue

Publication

EP 0593002 B1 19960925 (DE)

Application

EP 93116477 A 19931012

Priority

DE 4234455 A 19921013

Abstract (en)

[origin: EP0593002A1] In a method for rolling continuously cast thin slabs from a continuous finishing train with a plurality of associated casting machines, an improvement in the conduct of the process and a significant shortening of the length of the installation is achieved by the fact that, in a first working step, a thin slab is swung out or offset sideways from the casting line using a movable furnace part and, after a first direction reversal, conveyed in the opposite direction to the cast strand and introduced in the rolling line into a temporary storage furnace and, in a second working step, after a second direction reversal, conveyed out of the said furnace towards the rolling line and into a holding furnace arranged downstream of the temporary storage furnace and, from the holding furnace, is introduced into the finishing train and is there rolled down to give the end product. An installation for this purpose has, in the rolling line (x-x), a temporary storage furnace (16), the furnace parts (13, 14) and the temporary storage furnace (16) interacting with the latter having means for interconnection to allow the transfer of thin slabs from a casting line (1, 2) into the rolling line (x-x) and being constructed with means for direction reversal for conveying the thin slabs. <IMAGE>

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IPC 8 full level

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CPC (source: EP KR US)

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Cited by

WO2011101231A1; EP0686702A1; DE10004117A1; EP0908243A3; EP0884118A1; EP0724920A1; US5601137A; US5943753A; EP0908244A3; US6332255B1; WO2006058771A1; WO2011080064A2; DE102009060824A1; DE102010008292A1; DE102010008292B4

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