

Title (en)
HOT ROLLING TRAIN FOR ROLLING HOT-ROLLED STRIP, METHOD FOR OPERATING A HOT ROLLING TRAIN FOR ROLLING HOT-ROLLED STRIP, AND CONTROL DEVICE

Title (de)
WARMWALZSTRASSE ZUM WALZEN VON WARMBAND, VERFAHREN ZUM BETRIEB EINER WARMWALZSTRASSE ZUM WALZEN VON WARMBAND, STEUER- UND/ODER REGELEINRICHTUNG

Title (fr)
TRAIN DE LAMINAGE À CHAUD POUR LE LAMINAGE D'UN FEUILLARD À CHAUD, PROCÉDÉ POUR FAIRE FONCTIONNER UN TRAIN DE LAMINAGE À CHAUD POUR LE LAMINAGE D'UN FEUILLARD À CHAUD, AINSI QUE DISPOSITIF DE COMMANDE ET/OU DE RÉGULATION

Publication
EP 2531309 A2 20121212 (DE)

Application
EP 10803255 A 20101230

Priority
• EP 10152741 A 20100205
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Abstract (en)
[origin: EP2353742A1] The hot rolling mill (1) comprises a cooling section (4) for cooling the hot strips, and strip driving devices arranged in a mass flow direction after the start of the cooling section and in mass flow direction before the end of the cooling section, where a tensile stress of the hot strips is adjustable by the strip driving device. Two adjacent strip driving devices have an interval f 20-50 m. The cooling section has cooling segments (5) releasing a cooling agent spaced apart from each other in the mass flow direction. The strip driving device is formed as a set of driving rollers. The hot rolling mill (1) comprises a cooling section (4) for cooling the hot strips, and strip driving devices arranged in a mass flow direction after the start of the cooling section and in mass flow direction before the end of the cooling section, where a tensile stress of the hot strips is adjustable by the strip driving device. Two adjacent strip driving devices have an interval f 20-50 m. The cooling section has cooling segments (5) releasing a cooling agent spaced apart from each other in the mass flow direction. The strip driving device is formed as a set of driving rollers, where the strip driving device is arranged between all the adjacent cooling segments. A further strip driving device is arranged upstream and/or downstream to the cooling section in the mass flow direction. Independent claims are included for: (1) a method for operating a hot rolling mill; and (2) a control- and/or regulating device for a hot rolling mill.

IPC 8 full level
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Citation (search report)
See references of WO 2011095265A2

Citation (examination)
EP 2486991 A1 20120815 - NIPPON STEEL CORP [JP]

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