

Title (en)

METHOD FOR PRODUCING ROLLING STOCK BY MEANS OF A COMBINED CONTINUOUS CASTING AND ROLLING SYSTEM, CONTROL DEVICE FOR A COMBINED CONTINUOUS CASTING AND ROLLING SYSTEM, AND COMBINED CONTINUOUS CASTING AND ROLLING SYSTEM

Title (de)

VERFAHREN ZUM HERSTELLEN VON WALZGUT MITTELS EINER GIESSWALZVERBUNDANLAGE, STEUER- UND/ODER REGELEINRICHTUNG FÜR EINE GIESSWALZVERBUNDANLAGE UND GIESSWALZVERBUNDANLAGE

Title (fr)

PROCÉDÉ DE PRODUCTION DE LAMINÉS À L'AIDE D'UNE INSTALLATION COMBINÉE DE LAMINAGE DIRECT, DISPOSITIF DE COMMANDE ET/OU DE RÉGULATION POUR UNE INSTALLATION COMBINÉE DE LAMINAGE DIRECT, ET INSTALLATION COMBINÉE DE LAMINAGE DIRECT

Publication

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Application

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Abstract (en)

[origin: EP2418031A1] Producing a metal band using a casting roller composite plant, comprises casting a metal by a casting device (1, 1'), and hot forming the metal bands by at least one rolling mill (2). The casting roller composite plant is operated so that the metal band extends continuously between the casting device and the rolling mill. The metal band is continuously supplied to the rolling mill. The rolling mill has a desired thickness profile, according to which the rolling mill rolls the metal band. The thickness profile exhibits at least two different target thicknesses for different band sections. Producing a metal band using a casting roller composite plant, comprises casting a metal by a casting device (1, 1') and hot forming the metal bands by at least one rolling mill (2). The casting roller composite plant is operated so that the metal band extends continuously between the casting device and the rolling mill. The metal band is continuously supplied to the rolling mill. The rolling mill has a desired thickness profile, according to which the rolling mill rolls the metal band. The thickness profile exhibits at least two different target thicknesses for different band sections in the longitudinal direction of the metal band. The thickness profile is designed so that the first and/or the second target thickness are adjusted at least twice. Independent claims are also included for: (1) a control and/or regulating device (10) for a casting roller composite plant to produce longitudinally thick profiled metal strip, comprising a machine readable program code, which includes control commands and causes the control and/or regulating device to perform the method mentioned above; and (2) the casting roller composite plant to manufacture metal strip thick profiled in its longitudinal direction, comprising the casting device and the rolling mill, where the control and regulating device is operatively connected with the rolling mill.

IPC 8 full level

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