

Title (en)  
METHOD FOR CONTROLLING AND/OR REGULATING THE COOLING STRETCH OF A HOT STRIP ROLLING MILL FOR ROLLING METAL STRIP, AND CORRESPONDING DEVICE

Title (de)  
VERFAHREN ZUR STEUERUNG UND/ODER REGELUNG DER KÜHLSTRECKE EINER WARMBANDSTRASSE ZUM WALZEN VON METALLBAND UND ZUGEHÖRIGE VORRICHTUNG

Title (fr)  
PROCEDE ET COMMANDE ET/OU DE REGLAGE DE LA SECTION DE REFROIDISSEMENT D'UN TRAIN A FEUILLARDS A CHAUD DESTINE AU LAMINAGE DE BANDES METALLIQUES ET DISPOSITIF ASSOCIE

Publication  
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Application  
**EP 00991077 A 20001215**

Priority  
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Abstract (en)  
[origin: WO0147648A2] The joint properties of a metal strip being rolled in a hot strip rolling mill, especially a steel strip, are adjusted in the cooling stretch of said mill by cooling. According to the invention, a time-related cooling course is predetermined for each strip point of the metal strip. An individual cooling curve is established as a function of time for each strip point, the established time curve is constantly compared with the model time-related cooling curve for each strip point and process control signals for controlling and/or regulating the cooling stretch are derived from this comparison. The corresponding device is provided with a calculating device and a process control device.

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**C21D 11/00**

IPC 8 full level  
**B21B 37/76** (2006.01); **C21D 9/573** (2006.01); **C21D 11/00** (2006.01)

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Citation (search report)  
See references of WO 0147648A2

Cited by  
EP2353742A1; WO2011095265A3; WO2011095265A2; US8391998B2; US10413950B2; EP3099430B1

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