

Title (en)

METHOD FOR SETTING A RUN-OFF THICKNESS FOR A MILLED ITEM THAT PASSES THROUGH A MULTIPLE SCAFFOLD MILL TRAIN, CONTROL AND/OR REGULATING DEVICE AND MILL TRAIN

Title (de)

VERFAHREN ZUR EINSTELLUNG EINER AUSLAUFDICKE EINES EINE MEHRGERÜSTIGE WALZSTRASSE DURCHLAUFENDEN WALZGUTS, STEUER- UND/ODER REGELEINRICHTUNG UND WALZANLAGE

Title (fr)

PROCÉDÉ DE RÉGLAGE D'UNE ÉPAISSEUR DE SORTIE D'UN MATÉRIAU DE LAMINAGE TRAVERSANT UN TRAIN DE LAMINAGE À PLUSIEURS ÉQUIPEMENTS, DISPOSITIF DE COMMANDE ET/OU DE RÉGLAGE ET INSTALLATION DE LAMINAGE

Publication

EP 2346625 B1 20130529 (DE)

Application

EP 09736931 A 20091015

Priority

- EP 2009063508 W 20091015
- EP 08018949 A 20081030
- EP 09736931 A 20091015

Abstract (en)

[origin: WO2010049280A2] The invention relates to a rolling mill, a control and/or regulation device and a method for adjusting a discharge thickness (H3, H3') of rolling stock (G), especially a hot strip, that passes through a multi-stand mill train (2). A first section (G-1) of the rolling stock (G) is rolled to a first discharge thickness (H3) and a second section (G-2) of the rolling stock (G) is rolled to a second discharge thickness (H3') that is different from the first discharge thickness (H3). The transition from the first discharge thickness to the second discharge thickness proceeds at a feed rate (V0) of the rolling stock (G) to the mill train (2) which feed rate is adjusted depending on a discharge rate (Vg) of the rolling stock (G) of a unit (6) that is mounted upstream in the throughput direction of the mill train (2), thereby allowing a method which substantially proceeds without provoking feedback reactions from units that are mounted upstream in the throughput direction of the mill train.

IPC 8 full level

B21B 37/26 (2006.01)

CPC (source: EP KR US)

B21B 37/26 (2013.01 - EP KR US); **B21B 1/463** (2013.01 - EP US); **B21B 13/22** (2013.01 - EP US); **B21B 2265/06** (2013.01 - EP US); **B21B 2265/12** (2013.01 - EP US); **B21B 2275/06** (2013.01 - EP US)

Cited by

IT202000000316A1; CN113102504A; EP3000539A1; US10821502B2; WO2021140531A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

WO 2010049280 A2 20100506; WO 2010049280 A3 20100715; BR PI0921435 A2 20160105; BR PI0921435 B1 20200915; CN 102271833 A 20111207; CN 102271833 B 20140129; EP 2346625 A2 20110727; EP 2346625 B1 20130529; EP 2346625 B2 20210217; JP 2012506776 A 20120322; KR 101331324 B1 20131120; KR 20110079767 A 20110707; PL 2346625 T3 20131031; PL 2346625 T5 20240429; RU 2011121671 A 20121210; RU 2477661 C2 20130320; US 2011289993 A1 20111201; US 9314828 B2 20160419

DOCDB simple family (application)

EP 2009063508 W 20091015; BR PI0921435 A 20091015; CN 200980153374 A 20091015; EP 09736931 A 20091015; JP 2011533668 A 20091015; KR 20117012212 A 20091015; PL 09736931 T 20091015; RU 2011121671 A 20091015; US 200913126547 A 20091015