

Title (en)

METHOD FOR PRODUCING A MILLING PRODUCT MILLED IN A MILL TRAIN OF A MILL ASSEMBLY, CONTROL AND/OR REGULATING DEVICE FOR A MILL ASSEMBLY FOR PRODUCING MILLED PRODUCTS AND/OR MILLED PRODUCT SECTION, MILL ASSEMBLY FOR PRODUCING MILLED PRODUCTS, MACHINE READABLE PROGRAM CODE AND STORAGE MEDIUM

Title (de)

VERFAHREN ZUM HERSTELLEN EINES IN EINER WALZSTRASSE EINER WALZANLAGE GEWALZTEN WALZGUTS, STEUER- UND/ODER REGELEINRICHTUNG FÜR EINE WALZANLAGE ZUR HERSTELLUNG VON GEWALZTEM WALZGUT, WALZANLAGE ZUR HERSTELLUNG VON GEWALZTEM WALZGUT, MASCHINENLESBARER PROGRAMMCODE UND SPEICHERMEDIUM

Title (fr)

PROCÉDÉ DE FABRICATION D'UN PRODUIT DE LAMINAGE ET/OU D'UNE SECTION DE PRODUIT DE LAMINAGE LAMINÉ(E) DANS UNE CHAÎNE DE LAMINAGE D'UNE INSTALLATION DE LAMINAGE, DISPOSITIF DE COMMANDE ET/OU DE RÉGLAGE POUR UNE INSTALLATION DE LAMINAGE DESTINÉ À LA FABRICATION DE PRODUITS DE LAMINAGE LAMINÉS, INSTALLATION DE LAMINAGE DESTINÉE À LA FABRICATION DE PRODUITS DE LAMINAGE LAMINÉS, CODE DE PROGRAMME LISIBLE SUR MACHINE ET SUPPORT DE STOCKAGE

Publication

EP 2427281 B1 20140305 (DE)

Application

EP 10715204 A 20100414

Priority

- EP 2010054884 W 20100414
- EP 09159518 A 20090506
- EP 10715204 A 20100414

Abstract (en)

[origin: WO2010127929A1] The invention relates to a rolling mill (1) for producing rolled rolling stock (G), a machine-readable program code (9), a storage medium (10), a control and/or regulation device (8) for a rolling mill (1) for producing rolled rolling stock (G), and a method for producing rolling stock (G) which was rolled in a rolling train (2) of a rolling mill (1), in particular a continuous casting and rolling mill, wherein the rolling mill (1) is operated in a continuous manner by means of integrally forming the rolling stock during scheduled operation from a supply device (6, 6') which supplies the rolling stock to the rolling mill (1), in particular a casting device (6) and/or a winding device (6') for rolling stock, to at least one finishing rolling train (2) that is arranged downstream of the rolling stock supply device (6, 6'), as viewed in a mass flow direction, by means of guiding the rolling stock (G) into the finishing rolling train (2) in a continuous manner and rolling it to form a first outflow product (A) in the finishing rolling train (2) in a continuous manner. The operation of the rolling mill (1) is monitored for the occurrence of a deviation from the scheduled operation of the rolling mill (2) that influences the rolling process, wherein in case of a deviation measures are taken to examine (100, 101) whether a second outflow product (A*), which is different from the first outflow product, can still be produced (102) considering the deviation. If the second outflow product cannot be produced, the operation of the rolling mill (1) is altered from a continuous operation to a discontinuous operation (106), whereby means can be provided for reducing production failures caused by undesired process deviations in a rolling mill.

IPC 8 full level

B21B 37/00 (2006.01)

CPC (source: EP US)

B21B 37/00 (2013.01 - EP US); **B21B 1/463** (2013.01 - EP US); **B21B 1/466** (2013.01 - EP US); **Y10T 29/49991** (2015.01 - EP US); **Y10T 29/5184** (2015.01 - EP US)

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 2010127929 A1 20101111; BR PI1013747 A2 20160405; BR PI1013747 B1 20201027; CN 102413955 A 20120411; CN 102413955 B 20150128; EP 2427281 A1 20120314; EP 2427281 B1 20140305; RU 2011149472 A 20130620; RU 2503513 C2 20140110; US 2012043043 A1 20120223; US 8459333 B2 20130611

DOCDB simple family (application)

EP 2010054884 W 20100414; BR PI1013747 A 20100414; CN 201080019865 A 20100414; EP 10715204 A 20100414; RU 2011149472 A 20100414; US 201013318829 A 20100414