

Title (en)

METHOD FOR OPERATING A MILL TRAIN AND A CORRESPONDINGLY EMBODIED MILL TRAIN

Title (de)

VERFAHREN ZUM BETREIBEN EINER WALZSTRASSE SOWIE EINE ENTSPRECHEND AUSGEBILDETE WALZSTRASSE

Title (fr)

PROCEDE DE FONCTIONNEMENT D'UN TRAIN DE LAMINOIR ET TRAIN DE LAMINOIR CONCU DE FACON CORRESPONDANTE

Publication

EP 1372875 B1 20040915 (DE)

Application

EP 02719952 A 20020228

Priority

- DE 10116273 A 20010331
- EP 0202131 W 20020228

Abstract (en)

[origin: WO02078872A1] The invention relates to a mill train (1) for milling a strip-type product to be milled (10). Said mill train comprises a number of roll stands (2) which are successively arranged in a milling direction (x) and which can be respectively pivoted about a rotational axis (18) which is essentially perpendicular to the milling direction (x). The aim of the invention is to maintain a belt run which favours a pre-determined milling result, in an especially simple and reliable manner. According to the invention, a control value (S) is pre-determined for the pivoting angle of a roll stand, or of each roll stand (2), according to the determined contour of the strip end (30) of a product (10) which has already been milled. According to the invention, additional control elements can also be used.

IPC 1-7

B21B 37/72; **B21B 37/68**

IPC 8 full level

B21B 1/26 (2006.01); **B21B 37/00** (2006.01); **B21B 37/28** (2006.01); **B21B 37/68** (2006.01); **B21B 37/72** (2006.01); **B21B 13/02** (2006.01); **B21B 37/22** (2006.01)

CPC (source: EP KR US)

B21B 37/68 (2013.01 - EP US); **B21B 37/72** (2013.01 - EP KR US); **B21B 13/023** (2013.01 - EP US); **B21B 37/22** (2013.01 - EP US); **B21B 2263/20** (2013.01 - EP US)

Cited by

US9586245B2; EP2691188B1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 02078872 A1 20021010; AT E276055 T1 20041015; BR 0207557 A 20040914; BR 0207557 B1 20100629; CA 2440210 A1 20021010; CA 2440210 C 20100511; CN 1235696 C 20060111; CN 1500016 A 20040526; CZ 20032399 A3 20040218; CZ 305146 B6 20150520; DE 10116273 A1 20021010; DE 50201031 D1 20041021; EP 1372875 A1 20040102; EP 1372875 B1 20040915; JP 2004529773 A 20040930; JP 4383745 B2 20091216; KR 100841261 B1 20080625; KR 20040011491 A 20040205; RU 2003131972 A 20050210; RU 2283197 C2 20060910; TW 531456 B 20030511; UA 76143 C2 20060717; US 2004079127 A1 20040429; US 6983631 B2 20060110; ZA 200305566 B 20031022

DOCDB simple family (application)

EP 0202131 W 20020228; AT 02719952 T 20020228; BR 0207557 A 20020228; CA 2440210 A 20020228; CN 02807651 A 20020228; CZ 20032399 A 20020228; DE 10116273 A 20010331; DE 50201031 T 20020228; EP 02719952 A 20020228; JP 2002577126 A 20020228; KR 20037012859 A 20030930; RU 2003131972 A 20020228; TW 91102764 A 20020219; UA 2003109764 A 20020228; US 46963603 A 20030903; ZA 200305566 A 20030718