Title (en)

METHOD OF INFLUENCING THE GEOMETRY OF A MILLED GOOD IN A TARGETED MANNER

Title (de)

VERFAHREN ZUR GEZIELTEN BEEINFLUSSUNG DER GEOMETRIE EINES WALZGUTS

Title (fr)

PROCÉDÉ D'INFLUENCE CIBLÉE DE LA GÉOMÉTRIE D'UN PRODUIT À LAMINER

Publication

EP 2864062 B1 20160928 (DE)

Application

EP 13729694 A 20130613

Priority

- EP 12178145 A 20120727
- EP 2013062219 W 20130613
- EP 13729694 A 20130613

Abstract (en)

[origin: EP2689863A1] The method involves transferring rolling stock (4) from an initial state to intermediate or final state by rolling the rolling stock with a roll stand (2) through a processing unit (6), based on the target force (F). The processing units (6,8) are arranged and operated in two sides of the rolling stock for controlling the position and force between processing units. The force between the processing units is corrected by adjusting spacing (S) between processing units, so that center point (14) between processing units is remained in predetermined position. Independent claims are included for the following: (1) a control and/or regulating device; and (2) a program for operating control and/or regulating device for performing targeted influence of geometry of rolling stock.

IPC 8 full level

B21B 13/06 (2006.01); **B21B 39/16** (2006.01)

CPC (source: EP RU US)

B21B 13/06 (2013.01 - EP US); **B21B 37/58** (2013.01 - US); **B21B 39/14** (2013.01 - US); **B21B 39/16** (2013.01 - EP US); B21B 13/06 (2013.01 - RU); B21B 37/68 (2013.01 - EP US); B21B 2273/04 (2013.01 - EP US)

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2689863 A1 20140129; BR 112015001671 A2 20170704; CN 104507592 A 20150408; CN 104507592 B 20160824; EP 2864062 A1 20150429; EP 2864062 B1 20160928; PL 2864062 T3 20170428; RU 2015103124 A 20160920; RU 2647417 C2 20180315; US 2015231679 A1 20150820; US 9776229 B2 20171003; WO 2014016045 A1 20140130

DOCDB simple family (application)

EP 12178145 A 20120727; BR 112015001671 A 20130613; CN 201380039609 A 20130613; EP 13729694 A 20130613; EP 2013062219 W 20130613; PL 13729694 T 20130613; RU 2015103124 A 20130613; US 201314417611 A 20130613