

Title (en)

METHOD FOR ADJUSTING THE ROLLS OF A ROLL STAND AND ROLL STAND

Title (de)

VERFAHREN ZUR EINSTELLUNG DER WALZEN EINES WALZGERÜSTS UND WALZGERÜST

Title (fr)

PROCÉDÉ DE RÉGLAGE DES CYLINDRES D'UNE CAGE DE LAMINOIR ET CAGE DE LAMINOIR

Publication

EP 2473295 A1 20120711 (DE)

Application

EP 10752302 A 20100825

Priority

- DE 102009039501 A 20090831
- EP 2010005207 W 20100825

Abstract (en)

[origin: WO2011023378A1] The invention relates to a method for adjusting the rolls (1, 2, 3, 4) of a roll stand (5), wherein the roll stand (5) comprises at least two interacting working rolls (1, 2), wherein one of the working rolls (1) is arranged in the roll stand (5) in a displaceable manner for adjusting a roll gap, and wherein the other working roll (2) can be rotated in the roll stand (5) in a working position, but for defining a passline (p) in the direction normal to the surface of the roll material is fixed in a non-displaceable manner. In order to increase the rolling accuracy, the invention proposes the following steps: a) determining the position (Sist) of the working roll (2) arranged in a fixed manner in the roll stand (5); b) comparing the determined value (Sist) of the position to a target value (Ssoll); c) adjusting the working roll (2) fixedly arranged in the roll stand (5) depending on the comparison value determined in step b) using at least one adjusting element (6) such that the position (S) of the working roll (2) fixedly arranged in the roll stand (5) at least largely reaches the target value (Ssoll). The invention further relates to a roll stand comprising at least two interacting working rolls.

IPC 8 full level

B21B 37/60 (2006.01); **B21B 31/24** (2006.01)

CPC (source: EP US)

B21B 31/24 (2013.01 - EP US); **B21B 37/60** (2013.01 - EP US); **B21B 38/10** (2013.01 - US); **B21B 13/147** (2013.01 - EP US); **B21B 37/58** (2013.01 - EP US); **B21B 38/105** (2013.01 - EP US); **B21B 2013/028** (2013.01 - EP US); **B21B 2267/24** (2013.01 - EP US); **B21B 2271/02** (2013.01 - EP US); **Y10T 29/49718** (2015.01 - EP US)

Citation (search report)

See references of WO 2011023378A1

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 SE SI SK SM TR

DOCDB simple family (publication)

DE 102009039501 A1 20110303; CN 102481609 A 20120530; CN 102481609 B 20150204; EP 2473295 A1 20120711; EP 2473295 B1 20150121; RU 2012112225 A 20131010; RU 2503514 C2 20140110; US 2012151980 A1 20120621; US 2015375283 A1 20151231; US 9527121 B2 20161227; WO 2011023378 A1 20110303

DOCDB simple family (application)

DE 102009039501 A 20090831; CN 201080039536 A 20100825; EP 10752302 A 20100825; EP 2010005207 W 20100825; RU 2012112225 A 20100825; US 201013393165 A 20100825; US 201514843369 A 20150902