

Title (en)

METHOD FOR ADJUSTING A STATE OF A ROLLING STOCK, PARTICULARLY A NEAR-NET STRIP

Title (de)

VERFAHREN ZUR EINSTELLUNG EINES ZUSTANDS EINES WALZGUTS, INSBESONDERE EINES VORBANDS

Title (fr)

PROCÉDÉ DE RÉGLAGE D'UN ÉTAT D'UN PRODUIT À LAMINER, EN PARTICULIER D'UN RUBAN DE PRÉPARATION

Publication

EP 2170535 A1 20100407 (DE)

Application

EP 08786386 A 20080724

Priority

- EP 2008059694 W 20080724
- DE 102007035283 A 20070727

Abstract (en)

[origin: WO2009016086A1] The invention relates to a method and a control device for performing the method for adjusting a state (S1, S2, S3) of a rolling stock (G, GX), particularly a near-net strip, defined at least by an out-of-parallel condition and/or a curvature of the rolling stock (G, GX), the rolling stock (G, GX) being transitioned from an initial state (S1) into an intermediate state (S2) by rolling by means of a roll stand (1), particularly a leader stand, and by impressing a stress (s) onto the rolling stock (G, GX) by means of additional processing means (7, 8), and the rolling stock (G) being transitioned from the intermediate state (S2) thereof into a final state (S3) by means of at least one processing aggregate (A1, A2, A3,..., AN). By determining whether rolling stock (G, GX) should be fed into the at least one processing aggregate (A1, A2, A3,..., AN), the intermediate state of said rolling stock requiring a non-zero out-of-parallel condition and/or curvature in order to achieve a predetermined final state (S3'), and the roll stand (1) and/or the processing means (7, 8) being controlled and/or regulated as a function thereof in order to adjust the required intermediate state (S2), a method and a control device can be provided that increase the shape reliability of an ultimately parallel, non-curved rolling stock.

IPC 8 full level

B21B 37/28 (2006.01); **B21B 37/68** (2006.01)

CPC (source: EP US)

B21B 37/28 (2013.01 - EP US); **B21B 37/68** (2013.01 - EP US); **B21B 13/06** (2013.01 - EP US); **B21B 39/14** (2013.01 - EP US); **B21B 2263/02** (2013.01 - EP US); **B21B 2273/04** (2013.01 - EP US)

Citation (search report)

See references of WO 2009016086A1

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

DE 102007035283 A1 20090129; BR PI0813091 A2 20150218; CN 101765467 A 20100630; CN 101765467 B 20120905; EP 2170535 A1 20100407; EP 2170535 B1 20120829; PL 2170535 T3 20130228; RU 2010107166 A 20110910; RU 2473406 C2 20130127; US 2010192660 A1 20100805; US 8490447 B2 20130723; WO 2009016086 A1 20090205

DOCDB simple family (application)

DE 102007035283 A 20070727; BR PI0813091 A 20080724; CN 200880100705 A 20080724; EP 08786386 A 20080724; EP 2008059694 W 20080724; PL 08786386 T 20080724; RU 2010107166 A 20080724; US 67089708 A 20080724