

Title (en)

DEVICE AND METHOD FOR LATERAL GUIDANCE OF A ROLLED STRIP TRANSPORTED ON A ROLLER BED

Title (de)

VORRICHTUNG UND VERFAHREN ZUR SEITLICHEN FÜHRUNG EINES AUF EINEM ROLLGANG TRANSPORTIERTEN WALZBANDES

Title (fr)

DISPOSITIF ET PROCÉDÉ DE GUIDAGE LATÉRAL D'UN FEUILLARD TRANSPORTÉ SUR UN TRAIN DE ROULEAUX

Publication

EP 2346626 A2 20110727 (DE)

Application

EP 09748034 A 20091027

Priority

- EP 2009007679 W 20091027
- DE 102008053523 A 20081028
- DE 102009014099 A 20090320

Abstract (en)

[origin: WO2010049125A2] The invention relates to a device for lateral guidance of a rolled strip transported on a roller bed, particularly a hot rolled strip in front of a winding device (3), having parallel first and second side guides provided on both sides of the rolled strip, said side guides being movable toward or away from one another by adjusting means that are adjustable independently of one another; the invention is characterized in that a control device (14, 15, 16), to which operating forces and/or positions of the side guides and/or of the rolled strip can be fed as output values in the guidance of the rolled strip, is provided for damping the periodic deviation of the rolled strip, and in that the control device (14, 15, 16) controls the positions of the side guides and/or forces that the side guides exert on the rolled strip based on the measured output values.

IPC 8 full level

B21B 37/68 (2006.01); **B21C 47/34** (2006.01); **B21D 43/02** (2006.01)

CPC (source: EP KR US)

B21B 37/68 (2013.01 - EP KR US); **B21B 39/14** (2013.01 - EP US); **B21C 47/34** (2013.01 - EP KR US); **B21C 47/3416** (2013.01 - EP US); **B21D 43/02** (2013.01 - KR); **B21D 43/023** (2013.01 - EP US); **B21B 2273/04** (2013.01 - EP US)

Citation (search report)

See references of WO 2010049125A2

Citation (third parties)

Third party :

JP 2001047120 A 20010220 - ISHIKAWAJIMA HARIMA HEAVY IND

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

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

DE 102009014099 A1 20100429; CN 102202807 A 20110928; CN 102202807 B 20140312; EP 2346626 A2 20110727; EP 2346626 B1 20151007; JP 2012506774 A 20120322; KR 101334617 B1 20131129; KR 20110047270 A 20110506; RU 2466809 C1 20121120; UA 98923 C2 20120625; US 2011247380 A1 20111013; US 9266156 B2 20160223; WO 2010049125 A2 20100506; WO 2010049125 A3 20100715

DOCDB simple family (application)

DE 102009014099 A 20090320; CN 200980143742 A 20091027; EP 09748034 A 20091027; EP 2009007679 W 20091027; JP 2011532543 A 20091027; KR 20117007209 A 20091027; RU 2011121571 A 20091027; UA A201106680 A 20091027; US 200913126629 A 20091027