

Title (en)
METHOD FOR LONGITUDINALLY GUIDING ROLLING STOCK, ESPECIALLY A HOT-ROLLED STEEL STRIP, AND HOT-ROLLING MILL FOR CARRYING OUT SAID METHOD

Title (de)
VERFAHREN ZUM LÄNGSFÜHREN EINES WALZGUTES, INSBESONDERE EINES WARMGEWALZTEN STAHLBANDES UND WARMWALZWERK ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)
PROCÉDÉ PERMETTANT LE GUIDAGE LONGITUDINAL D'UN PRODUIT LAMINÉ, EN PARTICULIER D'UNE BANDE D'ACIER LAMINÉE À CHAUD, ET LAMINOIR À CHAUD POUR LA MISE EN OEUVRE DE CE PROCÉDÉ

Publication
EP 2310152 B1 20130626 (DE)

Application
EP 09777151 A 20090713

Priority
• EP 2009005074 W 20090713
• DE 102008032932 A 20080712

Abstract (en)
[origin: WO2010006750A2] The aim of the invention is to reduce differences in structure and resistance over the width of the rolling stock and to minimise the losses of rolling stock caused by trimming. To this end, the rolling stock (5) is guided along both sides of the laminar cooling region (4).

IPC 8 full level
B21B 39/14 (2006.01); **B21B 45/02** (2006.01); **C21D 1/667** (2006.01)

CPC (source: EP KR US)
B21B 39/14 (2013.01 - EP KR US); **B21B 45/02** (2013.01 - KR); **B21B 45/0218** (2013.01 - EP US); **C21D 1/62** (2013.01 - EP US); **C21D 1/667** (2013.01 - EP KR US); **C21D 8/0226** (2013.01 - EP US); **C21D 8/0426** (2013.01 - EP US); **B21B 37/76** (2013.01 - EP US)

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

DOCDB simple family (publication)
DE 102008032932 A1 20100114; CN 102089092 A 20110608; EP 2310152 A2 20110420; EP 2310152 B1 20130626; JP 2011527634 A 20111104; KR 101332198 B1 20131125; KR 20110019423 A 20110225; RU 2011105132 A 20120820; RU 2466810 C2 20121120; UA 98061 C2 20120410; US 2011132054 A1 20110609; WO 2010006750 A2 20100121; WO 2010006750 A3 20100325

DOCDB simple family (application)
DE 102008032932 A 20080712; CN 200980127318 A 20090713; EP 09777151 A 20090713; EP 2009005074 W 20090713; JP 2011517042 A 20090713; KR 20117000789 A 20090713; RU 2011105132 A 20090713; UA A201101625 A 20090713; US 73743709 A 20090713