

Title (en)

METHOD FOR THE OPERATION OF A ROLLING MILL USED FOR MILLING A STRIP-SHAPED ROLLING STOCK

Title (de)

BETRIEBSVERFAHREN FÜR EIN WALZWERK ZUM WALZEN EINES BANDFÖRMIGEN WALZGUTS

Title (fr)

PROCÉDÉ PERMETTANT DE FAIRE FONCTIONNER UN LAMINOIR POUR LE LAMINAGE D'UN PRODUIT À LAMINER EN BANDE

Publication

EP 1993748 B1 20121003 (DE)

Application

EP 07704306 A 20070201

Priority

- EP 2007050985 W 20070201
- DE 102006011975 A 20060315

Abstract (en)

[origin: WO2007104604A1] The aim of the invention is to mill a strip-shaped rolling stock (8) that is provided with a leading edge (14) in a rolling mill. Said aim is achieved by a rolling mill comprising a roll stand (1) with working rolls, a roll train (2) located at the feeding end of the roll stand (1), and a control device. The working rolls form a roll gap. The control device triggers the roll stand (1) such that the working rolls rotate at a certain peripheral speed while triggering the roll train (2) located at the feeding end of the roll stand (1) in such a way that the leading edge (14) of the strip-shaped rolling stock (8) reaches the roll gap at a feeding speed that is greater than the peripheral speed. The control device adjusts the peripheral speed and the feeding speed to each other in such a way that a potential angled position of the leading edge (14) relative to the roll gap is at least reduced as a result of said adjustment.

IPC 8 full level

B21B 37/00 (2006.01)

CPC (source: EP KR US)

B21B 37/00 (2013.01 - EP KR US); **B21B 37/68** (2013.01 - EP US); **B21B 37/72** (2013.01 - EP US); **B21B 39/12** (2013.01 - EP US); **B21B 2273/04** (2013.01 - EP US); **B21B 2273/14** (2013.01 - EP US); **B21B 2275/04** (2013.01 - EP US); **B21B 2275/06** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2007104604 A1 20070920; CN 101400456 A 20090401; CN 101400456 B 20111005; DE 102006011975 A1 20070927; EP 1993748 A1 20081126; EP 1993748 B1 20121003; KR 20080098449 A 20081107; PL 1993748 T3 20130329; RU 2008140735 A 20100420; RU 2429092 C2 20110920; UA 93076 C2 20110110; US 2009235707 A1 20090924; US 8291736 B2 20121023

DOCDB simple family (application)

EP 2007050985 W 20070201; CN 200780009064 A 20070201; DE 102006011975 A 20060315; EP 07704306 A 20070201; KR 20087025189 A 20081015; PL 07704306 T 20070201; RU 2008140735 A 20070201; UA A200811182 A 20070201; US 22509007 A 20070201