

Title (en)

Cold roller path with mass flow regulation on a roller frame

Title (de)

Kaltwalzstrasse mit Massenflussregelung an einem Walzgerüst

Title (fr)

Train de laminoir à froid doté d'une régulation du débit massique sur une cage de laminoir

Publication

EP 2477763 B1 20140430 (DE)

Application

EP 10754464 A 20100910

Priority

- EP 09170489 A 20090917
- EP 2010063277 W 20100910
- EP 10754464 A 20100910

Abstract (en)

[origin: EP2298461A1] The regulating method involves detecting measuring technology of actual speed (v) and comparing the detected actual speed to a corresponding set speed (v"). A roll stand (2-1) is controlled according to adjusted desired value (vU") for a roller peripheral speed (vU), where a band thickness (d) is detected. Independent claims are also included for the following: (1) a controlling device for a cold rolling mill; (2) a computer program with a machine code; and (3) a cold rolling mill, which has a speed detection device.

IPC 8 full level

B21B 37/46 (2006.01); **B21B 37/58** (2006.01)

CPC (source: EP)

B21B 37/46 (2013.01); **B21B 37/58** (2013.01); **B21B 37/165** (2013.01); **B21B 37/18** (2013.01); **B21B 38/04** (2013.01); **B21B 2037/002** (2013.01); **B21B 2261/04** (2013.01); **B21B 2271/02** (2013.01); **B21B 2275/04** (2013.01); **B21B 2275/06** (2013.01)

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)

EP 2298461 A1 20110323; BR 112012006033 A2 20190924; CN 102481608 A 20120530; CN 102481608 B 20140702; EP 2477763 A1 20120725; EP 2477763 B1 20140430; PL 2477763 T3 20141031; RU 2012111278 A 20131027; RU 2518831 C2 20140610; WO 2011032888 A1 20110324

DOCDB simple family (application)

EP 09170489 A 20090917; BR 112012006033 A 20100910; CN 201080041410 A 20100910; EP 10754464 A 20100910; EP 2010063277 W 20100910; PL 10754464 T 20100910; RU 2012111278 A 20100910