

Title (en)

SYSTEM COMPRISING A STAND OF A ROLLING MILL AND A POSITIONING DEVICE

Title (de)

SYSTEM MIT EINEM WALZSTÄNDER EINES WALZGERÜSTES UND EINER ANSTELLVORRICHTUNG

Title (fr)

SYTÈME COMPRENANT UNE CAGE D'UN LAMINOIR ET UN DISPOSITIF DE MISE EN CONTACT

Publication

EP 3356061 B1 20200318 (DE)

Application

EP 16775605 A 20160923

Priority

- EP 15188048 A 20151002
- EP 2016072717 W 20160923

Abstract (en)

[origin: WO2017055189A1] The invention relates to an adjustment device for adjusting a roll in a roll rack (13) of a roll stand, said adjustment device comprising a cylinder housing (2) that can be secured to a roll rack (13), and a piston (1) guided such that it can move translationally therein, wherein the position of the piston (1) can be determined via a travel measurement device (9) connected to a coupling rod (6), wherein the coupling rod (6) is secured directly to the piston (1), wherein the piston (1) has a guide element (3) extending from the piston head (4) in the direction of the travel measurement device (9), and the coupling rod (6) is secured to the guide element (3). According to the invention, in order to reduce the sensitivity of the adjustment device to a tipping, the guide element (3) is guided in a guide opening (14) of the cylinder housing (2), and a sliding guide (7) is provided for the coupling rod (6), which can be arranged on an end of a borehole (15) in the roll rack facing the travel measurement device (9).

IPC 8 full level

B21B 31/32 (2006.01); **B21B 38/00** (2006.01)

CPC (source: EP US)

B21B 31/32 (2013.01 - EP US); **B21B 38/00** (2013.01 - EP US); **B21B 38/10** (2013.01 - US); **B21B 2271/02** (2013.01 - EP US)

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 RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3150292 A1 20170405; CN 108025341 A 20180511; CN 108025341 B 20191217; EP 3356061 A1 20180808; EP 3356061 B1 20200318; JP 2018529526 A 20181011; JP 6644880 B2 20200212; US 11110498 B2 20210907; US 2018281038 A1 20181004; WO 2017055189 A1 20170406

DOCDB simple family (application)

EP 15188048 A 20151002; CN 201680057086 A 20160923; EP 16775605 A 20160923; EP 2016072717 W 20160923; JP 2018516745 A 20160923; US 201615764690 A 20160923