

Title (en)

METHOD FOR OPERATING A ROLL STAND

Title (de)

VERFAHREN ZUM BETREIBEN EINES WALZGERÜSTES

Title (fr)

PROCÉDÉ DE FONCTIONNEMENT D'UNE CAGE DE LAMINAGE

Publication

EP 4341016 A1 20240327 (DE)

Application

EP 22730726 A 20220519

Priority

- DE 102021205275 A 20210521
- EP 2022063555 W 20220519

Abstract (en)

[origin: WO2022243425A1] The invention relates to a method for operating a roll stand (150) for rolling a metal strip, with at least one lateral guide rule (350) for guiding the metal strip. Seen in the direction of transport of the metal strip, the at least one lateral guide rule is located on both sides, in the entry region and/or in the exit region of the roll stand. In order that the force or position setpoint values for the control of the lateral guide rules (350) can be determined better, in comparison with the prior art, with a view to preventing crooking of the metal strip in the exit region of the roll stand, the force or position setpoint values for the control of the lateral guide rules are calculated in accordance with the actual wedge already determined for the pivot position control and/or in accordance with the determined actual offset.

IPC 8 full level

B21B 37/68 (2006.01)

CPC (source: EP)

B21B 37/68 (2013.01); **B21B 37/62** (2013.01); **B21B 39/10** (2013.01); **B21B 2261/10** (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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

DE 102021205275 A1 20221124; CN 117500618 A 20240202; EP 4341016 A1 20240327; JP 2024519382 A 20240510; WO 2022243425 A1 20221124

DOCDB simple family (application)

DE 102021205275 A 20210521; CN 202280036178 A 20220519; EP 2022063555 W 20220519; EP 22730726 A 20220519; JP 2023571876 A 20220519