

Title (en)

ROLLING MILL AND METHOD FOR SETTING ROLLING MILL

Title (de)

WALZWERK UND VERFAHREN ZUM EINSTELLEN EINES WALZWERKS

Title (fr)

LAMINOIR ET PROCÉDÉ POUR LE RÉGLAGE D'UN LAMINOIR

Publication

**EP 3674008 A4 20210512 (EN)**

Application

**EP 18848564 A 20180824**

Priority

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- JP 2018031307 W 20180824

Abstract (en)

[origin: EP3674008A1] A method for setting a rolling mill is provided, in which the rolling mill is a rolling mill of four-high or more that includes a plurality of rolls including at least a pair of work rolls and a pair of backup rolls that support the work rolls, wherein, before zero point of reduction position adjustment or before starting rolling, any one roll among respective rolls arranged in a vertical direction is taken as a reference roll, the method comprising: a thrust counterforce measurement step of measuring thrust counterforces in the axial direction of rolls which act on at least the rolls other than the backup rolls; and a roll chock position adjustment step of fixing a rolling direction position of a roll chock of the reference roll as a reference position, and moving roll chocks of the rolls other than the reference roll in a rolling direction of a workpiece to adjust positions of the roll chocks so that the thrust counterforces measured fall within an allowable range.

IPC 8 full level

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Citation (search report)

- [A] JP H0631304 A 19940208 - ISHIKAWAJIMA HARIMA HEAVY IND
- [AD] JP H10263656 A 19981006 - NIPPON STEEL CORP
- [A] US 5666837 A 19970916 - KAJIWARA TOSHIYUKI [JP], et al
- See references of WO 2019039583A1

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Designated contracting state (EPC)

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**EP 3674008 A1 20200701**; **EP 3674008 A4 20210512**; **EP 3674008 B1 20220921**; JP 6547917 B1 20190724; JP WO2019039583 A1 20191107; TW 201919787 A 20190601; TW I679069 B 20191211; WO 2019039583 A1 20190228

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