

Title (en)

ROLL STAND FOR ROLLING A METAL PRODUCT

Title (de)

WALZGERÜST ZUM WALZEN EINES METALLISCHEN GUTS

Title (fr)

CAGE DE LAMINOIR POUR LE LAMINAGE D'UN PRODUIT MÉTALLIQUE

Publication

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Application

EP 18718138 A 20180413

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Abstract (en)

[origin: WO2018202404A1] The invention relates to a roll stand (1) for rolling a metal product, comprising two working rollers, which are mounted in the roll stand (1) by means of respective working-roller installation pieces (2), wherein axial translation means (3) are arranged, by means of which the working rollers can be translated in the direction of the longitudinal axis of the working rollers, wherein at least one working-roller locking means (4) is arranged, by means of which the working-roller installation pieces (2) can be locked and unlocked in the roll stand (3), and an anti-rotation lock (6), by means of which the axial translation means (3) can be prevented from rotating about the longitudinal axis of the working rollers, and wherein bending means are arranged, which comprise a bending block (5) and by means of which a bending torque can be applied to the working rollers. In order to achieve a simpler design of the assembly and improved lubrication possibilities for the components to be lubricated, according to the invention, the anti-rotation lock (6) and the axial translation means (3) are fixedly connected to the bending block (5).

IPC 8 full level

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Citation (opposition)

Opponent : Primetals Technologies Austria GmbH

- JP S61206510 A 19860912 - HITACHI LTD
- WO 2010084011 A1 20100729 - SMS SIEMAG AG [DE], et al
- CN 203170698 U 20130904 - CISDI ENG CO LTD

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