

Title (en)

ROLLING MILL FOR ROLLING METAL PRODUCTS

Title (de)

WALZGERÜST ZUM WALZEN METALLISCHEN GÜTS

Title (fr)

CAGE DE LAMINOIR POUR LE LAMINAGE DE MATÉRIAUX MÉTALLIQUES

Publication

**EP 3930934 A1 20220105 (DE)**

Application

**EP 20700906 A 20200116**

Priority

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- EP 2020050973 W 20200116

Abstract (en)

[origin: WO2020173614A1] The invention relates to a rolling mill (1) for rolling metal products, comprising two roller stands (2) with a stand cross-member (3). A roller (4) is rotatably mounted in the roller stands (2), the roller (4) is operatively connected to a balancing cross-member (5), and at least one hydraulic piston-cylinder system (6) is arranged in the stand cross-member (3), wherein a tensile force can be generated between the stand cross-member (3) and the balancing cross-member (5) by means of the hydraulic piston-cylinder system. In order to prevent leakages in particular in the event of tall mill ascending paths, the piston-cylinder system (6) has a cylinder housing (7) with an upper axial end (8) and a lower axial end (9). A piston (10) is movably arranged in the cylinder housing (7), and the piston (10) protrudes beyond the cylinder housing (7) both at the upper axial end (8) as well as at the lower axial end (9) in each operating state.

IPC 8 full level

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CPC (source: EP US)

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