

Title (en)
ROLLING MILL FOR METAL STRIP

Title (de)
WALZWERK FÜR METALLBAND

Title (fr)
LAMINOIR POUR BANDE METALLIQUE

Publication
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Application
EP 17714872 A 20170317

Priority
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Abstract (en)
[origin: WO2017158306A1] The invention relates to a rolling mill (1) for a metal strip, comprising: a holding cage (2); an assembly of superimposed rolls with substantially parallel axes, including two working rolls (3, 4), lower and upper, defining the gap for passage therethrough, and two respectively lower and upper supporting rolls (5, 6) which are respectively applied to the working rolls on the opposite side to that of the gap, each roll having two rotatably mounted ends, each one on a bearing carried by a chock; and a system for clamping the chocks of the working rolls, which ensures that the chocks are locked in relation to the holding cage, along the axis of the roll, while allowing the chocks to slide along the guiding means, following the clamping plane comprising mechanical means using the closing movements of the holding cage in order to switch from a first, retracted position, allowing the withdrawal, along the axis thereof, of the working rolls out of the holding cage (2), into a second, locking position, ensuring the locking of the chocks in relation to the holding cage, along the axis of the roll.

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