

Title (en)

MULTI-ROLLER FLATTENER OF A METAL STRIP

Title (de)

MULTIWALZEN-RICHTMASCHINE FÜR METALLBAND

Title (fr)

PLANEUSE MULTI-ROULEAUX DE BANDE MÉTALLIQUE

Publication

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Application

**EP 18738359 A 20180717**

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Abstract (en)

[origin: WO2019025179A1] The present invention relates to a metal strip leveller (B), said strip having a thickness (e) subject to a stress distribution, said leveller comprising: - a row of upper rolls (1, 3, 5, 7, 9...) and a row of lower rolls (2, 4, 6, 8, 10...), - the upper and lower rolls have parallel axes, longitudinally offset in a direction of line of passage (lp) and offset in height, in such a way as to define, by vertical imbrication of the rolls, an undulating path of the strip between said rolls, characterised in that at least two upper rolls ([1, 3]; [5, 7]) and two lower rolls ([2, 4]; [6, 8]) are arranged respectively above and below the line of passage, such that they form three vertical imbrication gaps, said gaps having a profile of non-linear imbrication values (Imbr) that are either convex or concave with respect to a profile of linear imbrication values (Imbr\_lin) in the direction of the line of passage.

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