

Title (en)

METHOD AND DEVICE FOR MODIFYING THE SHAPE OF SURFACES AND PLATES

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Application

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Abstract (en)

[origin: WO8203192A1] For the transformation of metal sheets and plates in a united direction, the invention provides an injection of the upper surface of the material by an oblong surface of the tool with a ratio of the length to the width of more than 3, particularly more than 6 avoiding at the maximum thickness modifications. The surface of the tool has the shape of a print. An inadmissible variation of the thickness also limits a large framing surface of the tool surface from 0.05 up to 0.5mm opposite to the stroke direction. The work piece bends due to the load, perpendicularly to the longitudinal direction of the tool surface. For a preset incurvation, the elastic tensions of the metal sheets, which are resiliently fixed, cancel each other by the load, so that, in connection with such treatement, the working piece may remain in the accurate and definitive geometric incurvation imparted by the tension means.

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