Title (en)

METHOD FOR FORMING A TRANSVERSE CURVATURE ON A METAL STRIP LEAVING AN ANNEALING FURNACE AND USE OF AN APPARATUS FOR FORMING A TRANSVERSE CURVATURE ON A METAL STRIP LEAVING AN ANNEALING FURNACE

Title (de)

VERFAHREN ZUM AUSBILDEN EINER QUERWÖLBUNG AN EINEM AUS EINEM GLÜHOFEN AUSTRETENDEN METALLBAND UND VERWENDUNG EINER VORRICHTUNG ZUM AUSBILDEN EINER QUERWÖLBUNG AN EINEM AUS EINEM GLÜHOFEN AUSTRETENDEN METALLBAND

Title (fr)

PROCÉDÉ POUR FORMER UN CINTRAGE TRANSVERSAL DANS UNE BANDE DE MÉTAL SORTANT D'UN FOUR DE RECUIT ET UTILISATION D'UN APPAREIL POUR FORMER UN CINTRAGE TRANSVERSAL DANS UNE BANDE DE MÉTAL SORTANT D'UN FOUR DE RECUIT

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Application

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Abstract (en)

[origin: WO2018019670A1] The invention relates to a device (1) for forming a transverse curvature on a metal strip (3) leaving an annealing furnace (2). In order to permit the formation of a transverse curvature on a metal strip (3) leaving an annealing furnace (2), without impairing the surface quality of the metal strip (3), the invention proposes that the device (1) has at least one support nozzle arrangement (6) mounted under a length of metal strip (3), which arrangement is designed to generate, between the metal strip (3) and the support nozzle arrangement (6), a gas cushion (7) that supports the metal strip (3) from below such that the transverse curvature on the metal strip (3) can be formed in a contact-free manner by means of the gas cushion (7).

IPC 8 full level

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