

Title (en)

METHOD AND CONTROL DEVICE FOR OPERATING A STRIP TREATMENT INSTALLATION FOR PROCESSING A STRIP, IN PARTICULAR A METAL STRIP OR ROLLING MATERIAL

Title (de)

VERFAHREN UND STEUEREINRICHTUNG ZUM BETREIBEN EINER BANDBEHANDLUNGSANLAGE FÜR DIE VERARBEITUNG EINES BANDES, INSBESONDERE EINES METALLISCHEN BANDS ODER WALZGUTS

Title (fr)

PROCÉDÉ ET DISPOSITIF DE COMMANDE POUR LE FONCTIONNEMENT D'UNE INSTALLATION DE TRAITEMENT DE BANDE POUR TRAITER UNE BANDE, EN PARTICULIER UNE BANDE MÉTALLIQUE OU UN MATÉRIAU DE LAMINAGE

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Abstract (en)

[origin: WO2022207184A1] The invention relates to a method for operating a strip treatment installation (1) for processing a strip (2), in particular a metal strip or rolling material, wherein the strip (2) is guided through the strip treatment installation (1) along a transportation direction on transportation rollers (3) and the strip treatment installation (1) comprises at least two successive strip movement control devices (4, 5, 6) along the transportation direction, wherein the strip movement control devices (4, 5, 6) are designed to detect and adjust the position of the strip (2) transverse to the transportation direction, comprising the steps of: detecting the position of the strip (2) transverse to the transportation direction by means of sensors, in particular sensors of the strip movement control devices (4, 5, 6) of the strip treatment system (1), identifying properties of the strip (2) by means of the sensors, said properties influencing the position of the strip (2) transverse to the transportation direction, assigning the identified properties of the strip (2) to corresponding points or segments of the strip (2), and proactively adjusting the position of the strip (2) transverse to the transportation direction at the strip movement control devices (4, 5, 6) following in the transportation direction on the basis of the properties for the corresponding points or segments of the strip (2) that are identified by premounted sensors, in particular premounted strip movement control devices (4, 5, 6). The invention relates to a control device for operating a strip treatment installation (1) for processing a strip (2), in particular a metal strip or rolling material.

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