

Title (en)

METHOD FOR AUTOMATIC CONDUCTING OF A STRAIGHTENING PROCESS

Title (de)

VERFAHREN ZUR AUTOMATISIERTEN PROZESSFÜHRUNG EINES RICHTPROZESSES

Title (fr)

PROCEDE DE DEROULEMENT AUTOMATIQUE D'UN PROCESSUS DE DRESSAGE

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Application

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Abstract (en)

[origin: DE19653569A1] The invention relates to a method for the automatic conducting of a straightening process for an object that is to be straightened, such as sheet metal, strips, sections, pipes, and in particular for wire-like or multiwire-like objects that are to be straightened, in a straightening device or a levelling machine with at least one mangle roll which can be adjusted by an actuator. In accordance with the invention, a process simulation model of a straightening process that is to be conducted, and a process simulation programme are set up, and the latter gives directly "online" the settings of the adjustable mangle roll(s). During the straightening process, changes in the product data, in particular the material characteristics and/or dimensions of the object to be straightened which influence the realization of the straightening process, are recorded, and from these, data for setting the adjustable mangle roll(s) are also calculated, and signals are emitted for the automatic setting of the adjustable mangle roll(s) by means of an actuator and/or actuators.

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Cited by

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