

Title (en)

WIRE ALIGNING MACHINE AND METHOD FOR STRAIGHTENING WIRE OR STRIP MATERIAL

Title (de)

DRAHTRICHTMASCHINE UND VERFAHREN ZUM GERADERICHTEN VON DRAHT ODER BANDMATERIAL

Title (fr)

MACHINE D'ALIGNEMENT DE FIL ET PROCÉDÉ DE REDRESSAGE DE FIL OU DE MATÉRIAU EN BANDE

Publication

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Application

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Abstract (en)

[origin: WO2022229850A1] The invention relates to a method and a device for straightening wire or strip material using a straightening device comprising aligning rollers which act on opposite sides of the material (1) being passed through in an offset manner and some of which are automatically set on the basis of a model, which has been ascertained using input data of the material, such that the requirements for straightness are satisfied. The position of at least one aligning roller is continuously adapted on the basis of the aforementioned data which is detected while the material passes through the straightening device and which represents the target straightness, wherein the deflection of the material in the Y and Z direction after passing through the assembly of aligning rollers (3, 4, 6, 10) is measured by means of three sensors (13, 14, 15) arranged along the X axis, and the obtained measurement values are input into the model which controls the setting of the aligning rollers which can be set.

IPC 8 full level

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