

Title (en)

METHOD AND APPARATUS FOR COATING A METAL SHEET

Title (de)

VERFAHREN UND BESCHICHTUNGSEINRICHTUNG ZUM BESCHICHTEN EINES METALLBANDES

Title (fr)

PROCÉDÉ ET APPAREIL DE REVÊTEMENT D'UNE BANDE METALLIQUE

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Application

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Abstract (en)

[origin: CA3034334A1] The invention relates to a method for coating a metal strip with the aid of a coating device. Within the coating device, the strip first runs through a coating container with a liquid coating agent and then a stripping nozzle device for stripping off excess coating agent from the surface of the strip. After the stripping nozzle device, the strip typically runs through a strip stabilizing device with a plurality of magnets on both broad sides of the strip. A form control deviation is determined as the difference between a determined actual form of the strip and a specified desired form of the strip and this form control deviation is used for activating the magnets of the strip stabilizing device in order to transform the actual form of the strip into the desired form. As an alternative possibility for producing a moment, in particular a bending moment, in the strip, on the basis of the form control deviation the magnets of the strip stabilizing device 130 are moved in the widthwise direction R of the strip 200 into a traversing position in relation to the magnets on the respectively opposite broad side of the strip.

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