

Title (en)

GUIDING DEVICE FOR METAL SHEET PRINTING MACHINES AND METAL SHEET PAINTING MACHINES

Title (de)

FÜHRUNGSEINRICHTUNG FÜR BLECHTAFEL-DRUCKMASCHINEN UND BLECHTAFEL-LACKIERMASCHINEN

Title (fr)

SYSTEME DE GUIDAGE POUR MACHINES D'IMPRESSION DE FEUILLES DE TOLE ET MACHINES DE LAQUAGE DE FEUILLES DE TOLE

Publication

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Application

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Abstract (en)

[origin: US6862985B2] The invention relates to a guiding device for metal sheet printing machines and metal sheet painting machines, which have at least two printing cylinders and a transfer drum situated therebetween. The guiding device is arranged on said transfer drum and, to be precise, is located close to the imaginary cylindrical outer surface of the transfer drum. The guiding device comprises at least one guiding element with an outwardly turned bearing surface for supporting the rear edge of the metal sheets. The guiding element is pivotally mounted by means of a swivel bearing whose pivotal axis is parallel to the axis of the transfer drum. The guiding element is coupled to a pivot drive by means of which its bearing surface can be adjusted to different pivoting angles (beta) with regard to the tangent to the imaginary cylindrical outer surface of the transfer drum. This pivoting angle (beta) is larger at the rotating position of the transfer drum at which the rear edge of the metal sheets rest against the guiding element, and is smaller at the rotating position at which the rear edge of the metal sheets leave the guiding element.

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