

Title (en)

METHOD AND DEVICE FOR MELT DIP COATING METAL STRIPS, ESPECIALLY STEEL STRIPS

Title (de)

VERFAHREN UND EINRICHTUNG ZUM SCHMELZTAUCH-BESCHICHTEN VON METALLBÄNDERN, INSBESONDERE VON STAHLBÄNDERN

Title (fr)

PROCEDE ET DISPOSITIF DE GALVANISATION DE BANDES METALLIQUES, EN PARTICULIER DE BANDES D'ACIER

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Application

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Abstract (en)

[origin: WO2004076707A1] The invention relates to a method for melt dip coating a metal strip (1), especially a steel strip (1a), which is guided through a coating station (4). The metal strip (1) is coated with a coating metal (3), the metal strip (1) is centrally maintained in a guide channel (8) in an electromagnetic sealing field (13) which seals the guide channel (8) from below and guides the metal strip (1) laterally, counter to ferromagnetic attraction, through a corrector field (14). The sealing field (13) is embodied as an electromagnetic guiding field (10), as a blocking field (11) or as a pump field (12) in order to select adequate lateral sealing when any particular sealing field (13) is used. Several corrector fields (14) are arranged in a distributed manner in a selected configuration, whereby the position and number thereof are determined individually at least according to the various widths of the metal strip (1).

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