

Title (en)

PROCESS AND APPARATUS FOR THE HOT-DIP COATING OF A METAL STRIP WITH A METALLIC COATING

Title (de)

VERFAHREN UND VORRICHTUNG ZUM SCHMELZTAUCHBESCHICHTEN EINES METALLBANDS MIT EINEM METALLISCHEN ÜBERZUG

Title (fr)

PROCÉDÉ ET DISPOSITIF DE REVÊTEMENT AU TREMPÉ D'UN FEUILLARD MÉTALLIQUE AVEC UN REVÊTEMENT MÉTALLIQUE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2013068196A1] The invention relates to an apparatus and a process for the hot-dip coating of a metal strip (M) with a metallic coating, in which the metal strip (M) is passed continuously through a molten bath (3), in which the thickness of the metallic coating that is present on the metal strip (M) when it leaves the molten bath (3) is set by means of a stripping device (7), and in which slag (S) that is present on the molten bath (3) is driven away from the metal strip (M) leaving the molten bath (3) by means of a stream of gas (G1, G2). In order to prevent slag from coming into contact with the metal strip leaving the molten bath by simple and inexpensive means in the case of such a process, and thus ensure optimum quality of the surface, to drive the slag (S) away from the metal strip (M), the invention proposes directing a stream of gas (G1, G2) that extends over the width (B) of the metal strip (M) onto the surface (6) of the molten bath (3) by means of at least one nozzle (10, 11) arranged closely alongside the metal strip (M).

IPC 8 full level

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