

Title (en)

METHOD AND APPARATUS FOR COATING A METAL STRIP WITH A METAL OR ALLOY WITH A LOWER MELTING OR LIQUIDUS POINT THAN THE STRIP MATERIAL

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BESCHICHTUNG EINES METALLISCHEN BANDES MIT EINEM METAL ODER EINER LEGIERUNG MIT NIEDRIGEN SCHMELZPUNKT ODER LIQUIDESPUNKT WIE DAS MATERIAL AUS DEM DAS BAND BESTEHT

Title (fr)

PROCEDE ET DISPOSITIF POUR REVETIR UNE BANDE METALLIQUE D'UN METAL OU D'UN ALLIAGE A PLUS BAS POINT DE FUSION OU DE LIQUIDE QUE CELUI DU MATERIAU CONSTITUANT LA BANDE

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Application

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Abstract (en)

[origin: WO9638599A1] A metal strip (13), which has previously been cleaned, dried and inductively preheated, is fed through a melted metal or alloy bath in an enclosure (10) which it enters at a lower inlet thereof (11) and exits by an upper outlet (12) of the enclosure (10). The coating metal or alloy is heated in a crucible (1) and fed into the enclosure (10) heated by resistors (16a, 16b, 17a, 17b) through two channels (7a, 8a, 7b, 8b) opening on each side of the strip (13). The lower inlet (11), and, preferably, the upper outlet (12), are provided between two inserts (14a, 14b; 15a, 15b) made of a refractory material, non-wettable by the melted metal or alloy.

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