

Title (en)  
METHOD AND DEVICE FOR COATING A METAL BAR BY HOT DIPPING

Title (de)  
VERFAHREN UND VORRICHTUNG ZUR SCHMELZTAUCHBESCHICHTUNG EINES METALLSTRANGES

Title (fr)  
PROCEDE ET DISPOSITIF DE REVETEMENT D'UNE BARRE DE METAL PAR IMMERSION A CHAUD

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Application  
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Abstract (en)  
[origin: WO2004090189A1] The invention relates to a method for coating a metal bar (1), in particular a steel strap by hot dipping consisting in vertically passing the metal bar (1) through a container (2) containing a molten coating metal (3) and through a guiding channel (4) which is connected in series and has a predefined height (H). In order to retain the coating metal (2) in the container (3), an electromagnetic field is produced at the level of said guiding channel (4) by means of at least two inductors (5) which are arranged on two sides of the metal bar (1). In order to calm the coating bath, a predefined volume flow (Q) of the coating metal (2) is directed towards the guiding channel (4) at the level of the vertical extension (H) thereof. The inventive device for coating a metal bar by hot dipping is also disclosed.

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