

Title (en)

METHOD AND INSTALLATION FOR DIP COATING OF A METAL STRIP, IN PARTICULAR A STEEL STRIP

Title (de)

VERFAHREN UND VORRICHTUNG ZUM SCHMELZTAUCHBESCHICHTEN VON METALLSTRÄNGEN, INSBESONDERE VON STAHLBAND

Title (fr)

PROCEDE ET INSTALLATION DE REVETEMENT AU TREMPER D'UNE BANDE METALLIQUE, NOTAMMENT D'UNE BANDE D'ACIER

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Application

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Abstract (en)

[origin: WO238822A1] The invention concerns a method for continuous dip coating of a metal strip (1) in a tank (11) containing a liquid metal bath (12) method which consists in continuously unwinding the metal strip (1) in a sheath (13) whereof the lower part is immersed in the liquid metal bath (12) to define with the surface of said bath a liquid seal (14); at the zone outputting the strip (1) from the liquid metal bath (12), isolating the liquid metal relative to the surface of said bath in an isolating chamber (12) and in recuperating the metal oxide particles and intermetallic compounds by circulating the liquid metal in said zone in said chamber (20) and extracting said particles from said chamber (20). The invention also concerns an installation for implementing the method.

IPC 8 full level

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