

Title (en)
METHOD FOR THE HARDENED GALVANISATION OF A STEEL STRIP

Title (de)
VEFAHREN ZUM FEUERVERZINKEN VON STAHLBLECHEN

Title (fr)
PROCÉDÉ DE GALVANISATION AU TREMPÉ D'UNE BANDE D'ACIER

Publication
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Application
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Abstract (en)
[origin: WO2009098362A1] The invention relates to a method for the hardened galvanisation of a continuously-running rolled steel strip, in which the strip is immersed in a coating tank containing a bath of a liquid metal mixture, e.g. zinc and aluminium, to be deposited on the strip, and permanently circulated between said coating tank and a preparation device, in which the temperature of the liquid mixture is deliberately lowered in order to reduce the iron solubility threshold and sufficiently high for initiating, in said preparation device, the fusion of at least one Zn-Al ingot in an amount necessary for compensating for the liquid mixture used for deposition on the strip. The device is implemented so that the circuit for circulating the liquid mixture is thermally optimised.

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