

Title (en)

METHOD FOR HOT-DIP COATING A METAL STRIP, IN PARTICULAR A STEEL STRIP

Title (de)

VERFAHREN ZUM SCHMELZTAUCHBESCHICHTEN VON METALLBAND, INSBESONDERE STAHLBAND

Title (fr)

PROCÉDÉ DE REVÊTEMENT D'UNE BANDE MÉTALLIQUE PAR IMMERSION À CHAUD, EN PARTICULIER UN FEUILLARD D'ACIER

Publication

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Application

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- EP 2014050474 W 20140113

Abstract (en)

[origin: WO2014121979A1] The invention relates to a method for hot-dip coating a metal strip, in particular a steel strip, in a molten metal bath (3), according to which the metal strip (1) to be coated is heated in a continuous furnace (2) and introduced into the molten bath (3) through a pipe (6) which is connected to the continuous furnace and submerged in said molten bath. In order to fulfil the requirements for the coated strip (1) in terms of good deformation behaviour of the strip with the lowest possible degree of cracking or peeling and also in terms of a high degree of anti-corrosion protection in an improved and at the same time reliable manner, the invention proposes that in the region delimited by the pipe (6) a melt is used with a chemical composition that is or will be deliberately adjusted to be different from the chemical composition of the melt used in the molten bath (3).

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