

Title (en)

METHOD AND INSTALLATION FOR HOT DIP GALVANIZING HOT ROLLED STEEL STRIP

Title (de)

VERFAHREN UND ANLAGE ZUM FEUERVERZINKEN VON WARMGEWALZTEM STAHLBAND

Title (fr)

PROCEDE ET DISPOSITIF DE GALVANISATION A CHAUD DE FEUILLARD D'ACIER LAMINE A CHAUD

Publication

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Application

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Abstract (en)

[origin: US6761936B1] A method for hot dip galvanizing of hot-rolled steel strip, wherein in a first method step, the strip (50) is introduced into a pickling station (10-13) and a layer of scale and reaction products are removed from the strip surface in the pickling station. In another method step, the strip (50) is introduced into a rinsing station (21-23) and residues of the pickle and pickling products are removed from the strip surface in the rinsing station, and subsequently the strip is introduced into a drying station and is dried. And from there, in another method step, the strip is introduced into a furnace (40) and is adjusted to galvanizing temperature under a protective gas atmosphere. In a last method step, the strip is guided through a galvanizing bath and the surface of the (50) is coated with a hot dip galvanizing layer in the galvanizing bath, wherein the strip temperature in the furnace (40) is adjusted at most to 50° K. above immersion temperature of the strip (50) into the zinc bath.

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