

Title (en)

HOT-DIP COATING METHOD IN A ZINC BATH FOR STRIPS OF IRON/CARBON/MANGANESE STEEL

Title (de)

VERFAHREN ZUR FEUERVERZINKTEN BESCHICHTUNG IN EINEM ZINKBAD FÜR STREIFEN AUS EISEN-KARBON-MANGAN-STAHL

Title (fr)

PROCÉDÉ DE REVÊTEMENT AU TREMPÉ À CHAUD DANS UN BAIN DE ZINC DES BANDES EN ACIER FER-CARBONE-MANGANÈSE

Publication

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Application

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Abstract (en)

[origin: WO2006042930A1] The invention relates to a hot-dip coating method in a liquid bath of zinc, comprising aluminium, for a strip of running austenitic iron/carbon/manganese steel, whereby said strip is subjected to a thermal treatment in an oven within which a reducing atmosphere with relation to iron is present, to give a strip covered with a thin layer of manganese oxide, said strip covered with the thin layer of manganese oxide is then run through said bath, the content of aluminium of which is adjusted to give a value at least equal to the content necessary such that the aluminium completely reduces the layer of manganese oxide such as to form a coating on the surface of the strip, comprising a layer of iron/manganese/zinc alloy and an outer layer of zinc.

IPC 8 full level

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