

Title (en)

METHOD FOR THE PRODUCTION OF DARK PROTECTIVE LAYERS ON FLAT OBJECTS MADE FROM TITANIUM ZINC

Title (de)

VERFAHREN ZUR HERSTELLUNG VON DUNKLEN SCHUTZSCHICHTEN AUF FLACHERZEUGNISSEN AUS TITANZINK

Title (fr)

PROCEDE DE FABRICATION DE COUCHES DE PROTECTION SOMBRES SUR DES PRODUITS PLATS COMPOSES DE ZINC DE TITANE

Publication

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Application

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Abstract (en)

[origin: WO03048417A1] The invention relates to the production of protective coatings with a dark colour by pickling rolled flat objects, made from titanium zinc, for use in construction. The flat objects are pickled in an aqueous pickling bath containing a mixed acid of sulphuric acid and nitric acid and passivated after rinsing by application of a protective layer. Rolled flat objects such as those made from a titanium zinc alloy are used. The alloy comprises mainly zinc of high purity with additionally a copper content of 1.0 to 2.0 wt. %, a titanium content of 0.06 to 0.2 wt. % and a maximum aluminium content of 0.015 wt. %.

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IPC 8 full level

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