

Title (en)

Process for making protecting layers on flat shaped products made of titanium zinc

Title (de)

Verfahren zur Herstellung von Schutzschichten auf Flacherzeugnissen aus Titanzink

Title (fr)

Procédé pour faire une couche de protection sur des tôles de zinc au titane

Publication

EP 0827785 B1 20030226 (DE)

Application

EP 97114344 A 19970820

Priority

DE 19636370 A 19960909

Abstract (en)

[origin: EP0827785A2] A process for the production of protective coatings (I) of a uniform colouring by etching rolled titanium zinc sheet products (II) in the form of band, sheet or strips for use in construction is claimed. (II) is etched in a bath containing sulphuric and nitric acids, rinsed and a protective layer (I) formed by passivation through the application of a chromate containing polymer (III). Also claimed is (II) treated such that the protective layer (I) is 0.4-3.0, preferably 1-2 microns thick and has a chromate content of 5-40 mg/m<2>.

IPC 1-7

B05D 7/14; **B05D 7/00**; **C23C 22/53**

IPC 8 full level

B05D 7/00 (2006.01); **B05D 7/14** (2006.01); **C23C 22/53** (2006.01)

CPC (source: EP)

B05D 7/51 (2013.01); **C23C 22/53** (2013.01)

Cited by

EP2243863A1; CN100374621C; EP1916317A1; ITMI20090665A1; US6838572B2; WO2021053643A1; WO03048417A1

Designated contracting state (EPC)

BE CH DE DK FR GB IT LI LU NL

DOCDB simple family (publication)

EP 0827785 A2 19980311; **EP 0827785 A3 20000112**; **EP 0827785 B1 20030226**; DE 19636370 A1 19980312; DE 19636370 B4 20050414; DE 59709373 D1 20030403; DK 0827785 T3 20030623

DOCDB simple family (application)

EP 97114344 A 19970820; DE 19636370 A 19960909; DE 59709373 T 19970820; DK 97114344 T 19970820