

Title (en)

PROCESS FOR THE GALVANIC DEPOSIT OF A ZINC-NICKEL-ALLOY LAYER ON A METAL OBJECT, IN PARTICULAR ON STEEL STRIP

Publication

EP 0061130 B1 19850213 (DE)

Application

EP 82102134 A 19820316

Priority

DE 3110317 A 19810317

Abstract (en)

[origin: EP0061130A1] When electro-plating an alloy layer on a metal object, especially when depositing a zinc-nickel coating on a steel strip (1), the electro-plating of the alloy coating is preceded by a previous intensive treatment (20) without current intended to deposit a primary layer containing zinc and nickel so that the electro-plating can be performed on this layer. In order to obtain a constant composition of the coating components separate electrodes are used containing only one of the elements of the alloy (5) (10), connected to separate current circuits to control the current separately for the anodes having distinct elements of the alloy.

IPC 1-7

C25D 5/36; **C25D 21/14**; **C25D 3/56**

IPC 8 full level

C25D 3/56 (2006.01); **C25D 5/36** (2006.01); **C25D 21/14** (2006.01)

CPC (source: EP)

C25D 3/565 (2013.01); **C25D 5/36** (2013.01)

Cited by

FR2623821A1; DE3816419C1; AU588511B1; DE102006035233A1; WO8906712A1

Designated contracting state (EPC)

AT BE DE FR GB IT NL

DOCDB simple family (publication)

EP 0061130 A1 19820929; **EP 0061130 B1 19850213**; AT E11796 T1 19850215; DE 3262272 D1 19850328; WO 8203232 A1 19820930

DOCDB simple family (application)

EP 82102134 A 19820316; AT 82102134 T 19820316; DE 3262272 T 19820316; DE 8200061 W 19820316