

Title (en)

PROCESS FOR CLEANING GALVANIC BATHS TO PLATE METALS

Title (de)

VERFAHREN ZUM REINIGEN VON GALVANISCHEN BÄDERN ZUR ABSCHIEDUNG VON METALLEN

Title (fr)

PROCÉDÉ POUR NETTOYER DES BAINS GALVANIQUES POUR LE PLACAGE DE MÉTAUX

Publication

EP 2358927 B2 20170301 (EN)

Application

EP 09771297 A 20091117

Priority

- EP 2009008408 W 20091117
- DE 102008058086 A 20081118

Abstract (en)

[origin: CA2740644A1] The invention concerns a process which is used to plate functional layers of acidic or alkaline zinc or zinc alloy baths which contain nitrogenous organic additives, a soluble zinc salt and if necessary other metal salts selected from Fe, Ni, Co and Sn salts, where the bath composition for the regeneration is conveyed through an appropriate device having an ion exchanger resin to remove cyanide ions.

IPC 8 full level

C25D 3/56 (2006.01); **C25D 21/22** (2006.01)

CPC (source: EP KR US)

C25D 3/56 (2013.01 - KR); **C25D 3/565** (2013.01 - EP US); **C25D 21/22** (2013.01 - EP KR US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

DE 102008058086 A1 20100527; **DE 102008058086 B4 20130523**; BR PI0921037 A2 20151229; BR PI0921037 B1 20200107; CA 2740644 A1 20100527; CA 2740644 C 20160726; CN 102216498 A 20111012; CN 102216498 B 20140806; EP 2358927 A2 20110824; EP 2358927 B1 20130102; EP 2358927 B2 20170301; ES 2402338 T3 20130430; ES 2402338 T5 20170725; JP 2012509401 A 20120419; JP 5730210 B2 20150603; KR 20110090934 A 20110810; US 2011210006 A1 20110901; WO 2010057675 A2 20100527; WO 2010057675 A3 20100805

DOCDB simple family (application)

DE 102008058086 A 20081118; BR PI0921037 A 20091117; CA 2740644 A 20091117; CN 200980145596 A 20091117; EP 09771297 A 20091117; EP 2009008408 W 20091117; ES 09771297 T 20091117; JP 2011536794 A 20091117; KR 20117011296 A 20091117; US 200913123934 A 20091117