

Title (en)

PLANT AND PROCESS FOR THE ELECTROLYTIC TINNING OF STEEL STRIPS, USING AN INSOLUBLE ANODE

Title (de)

ANLAGE UND VERFAHREN ZUR ELEKTROLYTISCHEN VERZINNUNG VON STAHLSTREIFEN MITHILFE EINER NICHTLÖSLICHEN ANODE

Title (fr)

INSTALLATION ET PROCÉDÉ POUR L'ÉTAMAGE ÉLECTROLYTIQUE DE BANDES D'ACIER, METTANT EN OEUVRE UNE ANODE INSOLUBLE

Publication

EP 2173928 B1 20110112 (FR)

Application

EP 08827122 A 20080609

Priority

- FR 2008000791 W 20080609
- FR 0705563 A 20070730

Abstract (en)

[origin: WO2009019333A1] The present invention relates to a plant (1) for the electrolytic tinning of a steel strip (2) travelling continuously in at least one electrodeposition tank (30) containing an acid electrolyte. The plant (1) comprises, in addition, a tin-dissolving reactor (10) and an electrodialysis cell (40), that ensures the recovery of the acid produced in the electrodeposition tank (30). The present invention also relates to an electrolytic tinning process using such a plant (1).

IPC 8 full level

C25D 3/30 (2006.01); **C25D 7/06** (2006.01); **C25D 17/00** (2006.01); **C25D 21/18** (2006.01)

CPC (source: EP)

C25D 3/30 (2013.01); **C25D 7/0628** (2013.01); **C25D 17/002** (2013.01); **C25D 21/18** (2013.01)

Cited by

CN105908247A

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

FR 2919619 A1 20090206; **FR 2919619 B1 20091009**; EP 2173928 A1 20100414; EP 2173928 B1 20110112; ES 2359293 T3 20110520; WO 2009019333 A1 20090212

DOCDB simple family (application)

FR 0705563 A 20070730; EP 08827122 A 20080609; ES 08827122 T 20080609; FR 2008000791 W 20080609