

Title (en)

ELECTROPLATING A MATERIAL BEING TREATED BY USING AN INNER ANODE

Title (de)

GALVANISCHE BESCHICHTUNG VON BEHANDLUNGSGUT UNTER VERWENDUNG EINER INNENANODE

Title (fr)

REVÊTEMENT GALVANIQUE D'UN PRODUIT À TRAITER EN UTILISANT UNE ANODE INTÉRIEURE

Publication

EP 2893056 B1 20161116 (DE)

Application

EP 13750886 A 20130822

Priority

- DE 102012017493 A 20120904
- EP 2013067471 W 20130822

Abstract (en)

[origin: WO2014037229A2] A device is designed for electroplating a material being treated (8) and has a hollow space (9) with an inner surface (51) to be coated. The device comprises a first frame part (11) with a first electrode (21) for holding and electrically contacting the material being treated (8). The device comprises a second frame part (12) with a carrier (23) for a second electrode (22), wherein the carrier (23) is set up for fastening the second electrode (22) in such a way that the second electrode (22) protrudes into the hollow space (9) of the material being treated (8) held by the first electrode (21) without touching the material being treated (8). The first frame part (11) and the second frame part (12) are mechanically connected to one another. The first electrode (21) and the second electrode (22) are electrically insulated from one another.

IPC 8 full level

C25D 5/02 (2006.01); **C25D 7/04** (2006.01); **C25D 17/00** (2006.01); **C25D 17/06** (2006.01); **C25D 17/08** (2006.01); **C25D 17/12** (2006.01)

CPC (source: CN EP)

C25D 5/02 (2013.01 - CN EP); **C25D 7/04** (2013.01 - CN EP); **C25D 17/005** (2013.01 - CN EP); **C25D 17/007** (2013.01 - CN EP); **C25D 17/06** (2013.01 - CN EP); **C25D 17/08** (2013.01 - CN EP); **C25D 17/12** (2013.01 - CN EP)

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

DE 102012017493 B3 20130919; CN 104641023 A 20150520; CN 104641023 B 20170531; EP 2893056 A2 20150715; EP 2893056 B1 20161116; ES 2613873 T3 20170526; MX 2015002837 A 20150515; PT 2893056 T 20170201; TW 201422851 A 20140616; TW I585243 B 20170601; WO 2014037229 A2 20140313; WO 2014037229 A3 20141016

DOCDB simple family (application)

DE 102012017493 A 20120904; CN 201380045907 A 20130822; EP 13750886 A 20130822; EP 2013067471 W 20130822; ES 13750886 T 20130822; MX 2015002837 A 20130822; PT 13750886 T 20130822; TW 102130818 A 20130828