

Title (en)

DEVICE FOR CONTROLLING THE PHYSICAL CHARACTERISTICS OF A METALLIC ELECTRODEPOSITING BATH

Title (de)

VORRICHTUNG ZUR KONTROLLE DER PHYSIKALISCHEN EIGENSCHAFTEN EINES METALLISCHEN ELEKTROBESCHICHTUNGSADES

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR CONTRÔLER L'EFFICACITÉ D'UN BAIN D'ÉLECTRODÉPOSITION MÉTALLIQUE

Publication

EP 2553148 A1 20130206 (FR)

Application

EP 11717696 A 20110330

Priority

- FR 1052373 A 20100331
- FR 2011050715 W 20110330

Abstract (en)

[origin: WO2011121240A1] Arranged in the bath (3) contained in a tank (2) are respectively an anodic electrode (5) and a cathodic electrode (6), which are connected to an electric current generator (4). Advantageously, said cathodic electrode (6) is composed of a plurality of individual test specimens (9) suitable for being immersed in said metal bath, and the device additionally comprises a controllable electric power supply unit (11) for said individual cathodic test specimens, which is connected to the current generator (4) and comprises means (12) for controlling the current passing through said cathodic test specimens so that a given current flows in each of them.

IPC 8 full level

C25D 17/10 (2006.01); **C25D 17/12** (2006.01); **C25D 21/12** (2006.01)

CPC (source: EP US)

C25D 17/10 (2013.01 - EP US); **C25D 17/12** (2013.01 - EP US); **C25D 21/12** (2013.01 - EP US)

Citation (search report)

See references of WO 2011121240A1

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)

WO 2011121240 A1 20111006; BR 112012024387 A2 20160524; CA 2794579 A1 20111006; CN 102822393 A 20121212;
CN 102822393 B 20150610; EP 2553148 A1 20130206; EP 2553148 B1 20140108; FR 2958300 A1 20111007; FR 2958300 B1 20120504;
JP 2013524011 A 20130617; JP 5764650 B2 20150819; RU 2012145547 A 20140510; RU 2553161 C2 20150610; US 2013008797 A1 20130110

DOCDB simple family (application)

FR 2011050715 W 20110330; BR 112012024387 A 20110330; CA 2794579 A 20110330; CN 201180016583 A 20110330;
EP 11717696 A 20110330; FR 1052373 A 20100331; JP 2013501914 A 20110330; RU 2012145547 A 20110330; US 201113637854 A 20110330