

Title (en)

Apparatus for electrochemical deposition of a metal

Title (de)

Vorrichtung zur elektrochemischen Abscheidung eines Metalls

Title (fr)

Appareil de dépôt électro-chimique d'un métal

Publication

EP 2548998 A1 20130123 (EN)

Application

EP 11174683 A 20110720

Priority

EP 11174683 A 20110720

Abstract (en)

The invention as described in the following relates to an apparatus for the electrochemical deposition of a metal on a substrate, which apparatus is capable of refreshing an electrolyte used for the deposition in a continuous way. Furthermore, the invention as described relates to a method of refreshing an electrolyte for the electrochemical deposition of a metal on a substrate.

IPC 8 full level

C25D 21/18 (2006.01); **C25D 17/12** (2006.01); **C25D 21/14** (2006.01); **C25D 3/54** (2006.01)

CPC (source: EP US)

C25D 17/12 (2013.01 - EP US); **C25D 21/14** (2013.01 - EP US); **C25D 21/18** (2013.01 - EP US); **C25D 3/54** (2013.01 - EP US)

Citation (applicant)

- US 2009315148 A1 20091224 - AKSU SERDAR [US], et al
- US 2009173634 A1 20090709 - AKSU SERDAR [US], et al
- US 2010140098 A1 20100610 - UZOH CYPRIAN E [US], et al
- US 2010059385 A1 20100311 - LI DELIN [US]
- US 2004206390 A1 20041021 - BHATTACHARYA RAGHU NATH [US]
- US 2010317129 A1 20101216 - BASOL BULENT M [US], et al

Citation (search report)

- [XYI] JP 2003055799 A 20030226 - FURUKAWA ELECTRIC CO LTD, et al
- [XYI] DE 19539865 A1 19970430 - LEA RONAL GMBH [DE]
- [XYI] WO 2009016291 A2 20090205 - SIEMENS VAI METALS TECH SAS [FR], et al
- [Y] US 4824534 A 19890425 - TETZLAFF KARL-HEINZ [DE], et al
- [XYI] JP S6021398 A 19850202 - TOMONO RIHEI, et al
- [A] GB 564053 A 19440911 - GEN MOTORS CORP
- [A] US 4251328 A 19810217 - TUNDER RICHARD S
- [Y] HURLEN T ET AL: "Anodic dissolution of liquid gallium", ELECTROCHIMICA ACTA, ELSEVIER SCIENCE PUBLISHERS, BARKING, GB, vol. 9, no. 11, 1 November 1964 (1964-11-01), pages 1433 - 1437, XP026516808, ISSN: 0013-4686, [retrieved on 19641101], DOI: 10.1016/0013-4686(64)85024-6

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2548998 A1 20130123; EP 2548998 B1 20150701; ES 2546065 T3 20150918; US 2014158545 A1 20140612; WO 2013013119 A1 20130124

DOCDB simple family (application)

EP 11174683 A 20110720; ES 11174683 T 20110720; US 2012047535 W 20120720; US 201214234080 A 20120720