

Title (en)

ADDITIVE FOR SILVER-PALLADIUM ALLOY ELECTROLYTES

Title (de)

ADDITIV FÜR ELEKTROLYTEN FÜR SILBER-PALLADIUM-LEGIERUNGEN

Title (fr)

ADDITIF POUR ÉLECTROLYTES D'ALLIAGE ARGENT-PALLADIUM

Publication

EP 3365478 A1 20180829 (EN)

Application

EP 16784879 A 20161019

Priority

- EP 15190885 A 20151021
- EP 2016075096 W 20161019

Abstract (en)

[origin: WO2017067985A1] The present invention relates to an electrolyte containing suitable reducing agents for adjusting the composition of silver-palladium layers. Furthermore, these reducing agents contribute to improving the layer appearance and to increasing the luminance (L value, CIE Lab) of the deposited layers. The present invention also discloses a method for the electrolytic deposition of silver-rich silver-palladium alloys. The alloys can be deposited on conductive surfaces over a wide current density range.

IPC 8 full level

C25D 3/64 (2006.01); **C22C 5/06** (2006.01); **C25D 7/00** (2006.01)

CPC (source: EP KR US)

C22C 5/06 (2013.01 - EP KR US); **C25D 3/64** (2013.01 - EP KR US); **C25D 7/00** (2013.01 - EP KR US); **H01H 1/023** (2013.01 - EP); **H01H 1/023** (2013.01 - KR)

Citation (examination)

EP 3159435 A1 20170426 - UMICORE GALVANOTECHNIK GMBH [DE]

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 3159435 A1 20170426; **EP 3159435 B1 20180523**; CN 108350592 A 20180731; EP 3365478 A1 20180829; JP 2018535318 A 20181129; KR 20180072774 A 20180629; PL 3159435 T3 20181031; TW 201728787 A 20170816; US 2019071789 A1 20190307; WO 2017067985 A1 20170427

DOCDB simple family (application)

EP 15190885 A 20151021; CN 201680061439 A 20161019; EP 16784879 A 20161019; EP 2016075096 W 20161019; JP 2018520151 A 20161019; KR 20187014301 A 20161019; PL 15190885 T 20151021; TW 105132420 A 20161006; US 201615767234 A 20161019