

Title (en)  
PROCESS FOR THE MANUFACTURE OF AMALGAMBALLS

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON AMALGAMKUGELN

Title (fr)  
PROCÉDÉ DE PRÉPARATION DE SPHÈRES D'AMALGAME

Publication  
**EP 2975143 B1 20181219 (DE)**

Application  
**EP 15179281 A 20110309**

Priority  
• EP 15179281 A 20110309  
• EP 11157478 A 20110309

Abstract (en)  
[origin: EP2497841A1] An amalgam ball is coated with an alloy powder containing (in wt.%) silver (3-80), copper (0.5-43), tin (0-96.5), zinc (0-5), indium (0-10) and mixture (0-5) of gold, platinum and palladium. An independent claim is included for preparation of low-pressure gas discharge lamp.

IPC 8 full level  
**C22C 5/06** (2006.01); **C22C 7/00** (2006.01); **C22C 13/00** (2006.01); **C23C 26/00** (2006.01); **C23C 30/00** (2006.01)

CPC (source: EP KR US)  
**C22C 5/06** (2013.01 - EP KR US); **C22C 7/00** (2013.01 - EP KR US); **C22C 13/00** (2013.01 - EP KR US); **C23C 26/00** (2013.01 - KR); **C23C 30/00** (2013.01 - KR); **H01J 9/395** (2013.01 - EP US); **H01J 9/40** (2013.01 - EP US); **H01J 61/20** (2013.01 - US); **H01J 61/26** (2013.01 - US); **H01J 61/42** (2013.01 - EP US); **H01J 61/72** (2013.01 - US); **Y10T 428/12056** (2015.01 - EP US); **Y10T 428/1209** (2015.01 - EP US)

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)  
**EP 2497841 A1 20120912; EP 2497841 B1 20150902**; BR 112013022454 A2 20161206; CA 2829140 A1 20120913; CN 103403200 A 20131120; CN 103403200 B 20170301; EP 2975143 A1 20160120; EP 2975143 B1 20181219; JP 2014513205 A 20140529; KR 20140018275 A 20140212; RU 2013144956 A 20150420; US 2014055026 A1 20140227; US 2016133453 A1 20160512; US 9263245 B2 20160216; US 9659762 B2 20170523; WO 2012119977 A1 20120913; ZA 201306115 B 20140430

DOCDB simple family (application)  
**EP 11157478 A 20110309**; BR 112013022454 A 20120305; CA 2829140 A 20120305; CN 201280011467 A 20120305; EP 15179281 A 20110309; EP 2012053730 W 20120305; JP 2013557061 A 20120305; KR 20137026456 A 20120305; RU 2013144956 A 20120305; US 201214003697 A 20120305; US 201615000752 A 20160119; ZA 201306115 A 20130814