

Title (en)

COMPOSITION, USE THEREOF AND METHOD FOR ELECTRODEPOSITING GOLD CONTAINING LAYERS

Title (de)

ZUSAMMENSETZUNG, IHRE VERWENDUNG UND VERFAHREN ZUR GALVANISCHEN ABSCHIEDUNG VON GOLD ENTHALTENDEN SCHICHTEN

Title (fr)

COMPOSITION, UTILISATION DE LA COMPOSITION ET PROCÉDÉ POUR LE DÉPÔT GALVANIQUE DE COUCHES CONTENANT DE L'OR

Publication

**EP 3186413 B1 20190206 (EN)**

Application

**EP 15753055 A 20150821**

Priority

- EP 14182083 A 20140825
- EP 2015069234 W 20150821

Abstract (en)

[origin: EP2990507A1] The present invention relates to a composition and method for electrodepositing gold containing layers using the composition and the use of mercapto triazole as additive. The composition contains a mercapto-triazole compound which acts as an anti-immersion additive. The composition and method are suited for depositing functional or hard gold or gold alloys that can be applied in the industry as contact material of electrical connectors for high reliability applications.

IPC 8 full level

**C25D 3/48** (2006.01); **C25D 3/62** (2006.01); **C25D 21/18** (2006.01)

CPC (source: CN EP KR US)

**C25D 3/48** (2013.01 - CN EP KR US); **C25D 3/62** (2013.01 - CN EP KR US); **C25D 21/18** (2013.01 - CN EP KR 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 2990507 A1 20160302**; CN 106661751 A 20170510; CN 106661751 B 20191112; EP 3186413 A1 20170705; EP 3186413 B1 20190206; JP 2017527700 A 20170921; JP 6726173 B2 20200722; KR 102315943 B1 20211021; KR 20170046651 A 20170502; SG 11201700461V A 20170330; TW 201615628 A 20160501; TW I669296 B 20190821; US 2017159195 A1 20170608; WO 2016030290 A1 20160303

DOCDB simple family (application)

**EP 14182083 A 20140825**; CN 201580044927 A 20150821; EP 15753055 A 20150821; EP 2015069234 W 20150821; JP 2017511313 A 20150821; KR 20177004453 A 20150821; SG 11201700461V A 20150821; TW 104127802 A 20150825; US 201515327389 A 20150821