

Title (en)
CYANIDE-FREE SUBSTITUTION GOLD PLATING SOLUTION COMPOSITION

Title (de)
GOLDPLATTIERUNGSLÖSUNGSZUSAMMENSETZUNG DURCH CYANIDFREIE SUBSTITUTION

Title (fr)
COMPOSITION DE TYPE SOLUTION DE PLACAGE D'OR DE SUBSTITUTION SANS CYANURE

Publication
EP 3564407 A4 20201021 (EN)

Application
EP 16925513 A 20161227

Priority
JP 2016089007 W 20161227

Abstract (en)
[origin: EP3564407A1] A gold deposition accelerator for electroless gold plating comprising one or more alkali metal compound(s), wherein said alkali metal compound is not a compound comprising only sodium as an alkali metal, and said alkali metal compound is not only halide, only potassium sulfite, or only potassium sodium tartrate of an alkali metal, an electroless gold plating solution comprising said gold deposition accelerator, a gold plating method and a gold deposition accelerating method using the same and the like are provided.

IPC 8 full level
C23C 18/44 (2006.01); **C23C 18/42** (2006.01)

CPC (source: EP KR US)
C23C 18/42 (2013.01 - EP KR US); **C23C 18/44** (2013.01 - EP KR)

Citation (search report)

- [X] US 4985076 A 19910115 - IACOVANGELO CHARLES D [US]
- [X] US 2013316082 A1 20131128 - KOENIGSHOFEN ANDREAS [DE], et al
- [X] WO 2016051667 A1 20160407 - NIPPON SHEET GLASS CO LTD [JP] & JP 2017210630 A 20171130 - NIPPON SHEET GLASS CO LTD
- [X] US 4978559 A 19901218 - IACOVANGELO CHARLES D [US]
- [X] US 5206055 A 19930427 - IACOVANGELO CHARLES D [US]
- See references of WO 2018122989A1

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 3564407 A1 20191106; EP 3564407 A4 20201021; CN 110114507 A 20190809; JP 6842475 B2 20210317; JP WO2018122989 A1 20191226; KR 20190096420 A 20190819; US 2021095378 A1 20210401; WO 2018122989 A1 20180705

DOCDB simple family (application)
EP 16925513 A 20161227; CN 201680091924 A 20161227; JP 2016089007 W 20161227; JP 2018558587 A 20161227; KR 20197021607 A 20161227; US 201616473764 A 20161227