

Title (en)  
ENVIRONMENTALLY FRIENDLY GOLD ELECTROPLATING COMPOSITIONS AND CORRESPONDING METHOD

Title (de)  
UMWELTFREUNDLICHES GOLD GALVANISCHES BAD UND ENTSPRECHENDES VERFAHREN

Title (fr)  
COMPOSITIONS D'ÉLECTRODÉPOSITION D'OR ÉCOLOGIQUE ET PROCÉDÉ CORRESPONDANT

Publication  
**EP 3023520 B1 20190130 (EN)**

Application  
**EP 15193859 A 20151110**

Priority  
US 201414549571 A 20141121

Abstract (en)  
[origin: EP3023520A1] Gold electroplating compositions are substantially free of many environmental toxins to provide an environmentally friendly pure gold electroplating composition. The substantially pure gold electroplating compositions may electroplate gold over a broad current density range to deposit bright to matte gold layers on various types of electronic components and decorative articles.

IPC 8 full level  
**C25D 5/18** (2006.01); **C25D 3/48** (2006.01); **C25D 3/62** (2006.01); **C25D 7/00** (2006.01)

CPC (source: EP US)  
**C25D 3/48** (2013.01 - EP US); **C25D 3/62** (2013.01 - EP US); **C25D 5/18** (2013.01 - EP US); **C25D 5/605** (2020.08 - EP US); **C25D 5/611** (2020.08 - EP US); **C25D 5/617** (2020.08 - EP US); **C25D 5/623** (2020.08 - EP US); **C25D 5/627** (2020.08 - EP US); **C25D 7/00** (2013.01 - EP US); **C25D 7/005** (2013.01 - EP US)

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