

Title (en)

METHOD FOR PRODUCING A CYANIDE-FREE SOLUTION OF A GOLD COMPOUND THAT IS SUITABLE FOR GALVANIC GOLD BATHS

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER CYANIDFREIEN, FÜR GALVANISCHE GOLD-BÄDER GEEIGNETEN GOLDVERBINDUNGSLÖSUNG

Title (fr)

PROCEDE POUR PRODUIRE UNE SOLUTION DE COMPOSE D'OR SANS CYANURE, ADAPTEE A DES BAINS DE PLACAGE D'OR GALVANIQUES

Publication

**EP 1198623 B1 20030319 (DE)**

Application

**EP 00929531 A 20000516**

Priority

- DE 19924895 A 19990601
- EP 0004368 W 20000516

Abstract (en)

[origin: WO0073540A1] The invention relates inter alia to a method for producing a cyanide-free solution of a gold compound that is suitable for galvanic gold baths. Said method comprises the following steps: a) reacting a cysteine and/or a cysteinate with a tetrachloroauric acid and/or a tetrachloroauric salt in a first aqueous medium; b) separating the resulting precipitate from the first aqueous medium; and c) dissolving said precipitate in a second aqueous medium, increasing the pH value to 12.0 to 14.0.

IPC 1-7

**C25D 3/48**

IPC 8 full level

**C25D 3/48** (2006.01)

CPC (source: EP US)

**C25D 3/48** (2013.01 - EP US)

Cited by

EP4245893A1; WO2023174871A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 0073540 A1 20001207; WO 0073540 A8 20010913**; AT E234949 T1 20030415; DE 19924895 A1 20010510; DE 19924895 B4 20040325; DE 50001514 D1 20030424; EP 1198623 A1 20020424; EP 1198623 B1 20030319; ES 2193959 T3 20031116; JP 2003500550 A 20030107; US 6733651 B1 20040511

DOCDB simple family (application)

**EP 0004368 W 20000516**; AT 00929531 T 20000516; DE 19924895 A 19990601; DE 50001514 T 20000516; EP 00929531 A 20000516; ES 00929531 T 20000516; JP 2001500023 A 20000516; US 98096801 A 20011219