

Title (en)

Process for the deposition of low carat brilliant gold-silver alloy coatings.

Title (de)

Verfahren zum Abscheiden von niederkarätigen, glänzenden Gold-Silber-Legierungsüberzügen.

Title (fr)

Procédé pour le dépôt des couches en alliage or-argent brillantes de bas carat.

Publication

EP 0119424 A1 19840926 (DE)

Application

EP 84101158 A 19840204

Priority

DE 3309397 A 19830316

Abstract (en)

[origin: US4487664A] Bright, low carat gold-silver-alloy coatings which are ductile and have a thickness up to over 100 μm are obtained from an electrolytic bath containing 0.5 to 25 g/l of gold in the form of alkali gold cyanide, 0.25 to 15 g/l of silver in the form of alkali silver cyanide and 10 to 200 g/l of alkali cyanide as well as 0.001 to 5 g/l of tellurium in the form of a water soluble tellurium compound.

Abstract (de)

Glänzende, bis über 100 μm dicke und duktile niederkarätige Gold-Silber-Legierungsüberzüge erhält man aus einem elektrolytischen Bad, das neben 0,5-25 g/l Gold in Form von Alkaligoldcyanid 0,2-15 g/l Silber in Form von Alkalisilbercyanid und 10-20 g/l Alkalizyanid noch 0,001 bis 5 g/l Tellur in Form einer wasserlöslichen Tellurverbindung enthält.

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C25D 3/62

IPC 8 full level

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CPC (source: EP US)

C25D 3/62 (2013.01 - EP US)

Citation (search report)

- [A] DE 750185 C 19441227
- [A] US 3475292 A 19691028 - SHOUSHANIAN HRANT H
- [A] CHEMICAL ABSTRACTS, Band 73, Nr. 14, 5. Oktober 1970, Seite 444, Nr. 72575w, Columbus, Ohio, USA & JP-B-45 012963 (SUMITOMO METAL MINING CO., LTD.) 11.05.1970

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EP0198998A1; US7465385B2; US8142637B2

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EP 0119424 A1 19840926; EP 0119424 B1 19870506; AT E27007 T1 19870515; BR 8401131 A 19841023; DE 3309397 A1 19840920; DE 3463528 D1 19870611; HK 102891 A 19911227; JP H0571673 B2 19931007; JP S59179794 A 19841012; US 4487664 A 19841211

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