

EUROPEAN PATENT APPLICATION

Application number: 86300301.8

Int. Cl.⁴: **C 25 D 3/62**
C 25 D 3/48

Date of filing: 17.01.86

Priority: 18.01.85 GB 8501245

Date of publication of application:
23.07.86 Bulletin 86/30

Date of deferred publication of search report: 08.10.86

Designated Contracting States:
AT BE CH DE FR GB IT LI LU NL SE

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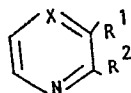
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Gold electroplating bath.

An acid gold electroplating bath contains gold in an electrodepositable form, such as potassium gold cyanide, together with a metallic additive and an organic additive.
The organic additive is a compound of the formula



wherein X is $-N=$ or $-CR^3=$, and R^1 , R^2 and R^3 are each hydrogen, or an amino-, amido-, thioamido- or cyano- group provided that one (and no more than one) of R^1 , R^2 and R^3 is not hydrogen.

The metallic additive is preferably a cobalt, nickel or iron salt.



European Patent
Office

EUROPEAN SEARCH REPORT

0188386

Application number

EP 86 30 0301

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
X, P	EP-A-0 150 439 (LEA RONAL) * Whole document *	1, 2, 5-8	C 25 D 3/62 C 25 D 3/48
A	--- CHEMICAL ABSTRACTS, vol. 83, no. 22, 1st December 1975, page 414, abstract no. 185393k, Columbus, Ohio, US; Y. SHIMIZU et al.: "Effects of pyridine derivatives on the properties of electroplated nickel", & KINZOKU HYOMEN FIJUTSU 1975, 6(6), 258-63	3, 4	
A	--- FR-A-2 465 798 (ROHCO) * Pages 20-22; claims 1-12 *	3, 4	
A	--- FR-A-2 249 979 (DEGUSSA)		TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
A	--- GALVANOTECHNIK, vol. 64, no. 10, 1973, pages 905-910; A. KOLEV et al.: "Zur galvanischen Vergoldung"		C 25 D 3/48 C 25 D 3/62
A	--- DD-A- 216 260 (VEB ROBOTRON-ELECTRONIK RADEBERG) -----		
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 23-06-1986	Examiner VAN LEEUWEN R.H.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	