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(54) **High speed method for plating palladium and palladium alloys**

(57) A high speed method of depositing palladium and palladium alloys is disclosed. The high speed method uses an aqueous, ammonia-based bath which has reduced free ammonia in the bath. The high speed meth-

od may be used to deposit palladium and palladium alloy coatings on various substrates such as electrical devices and jewelry.

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EUROPEAN SEARCH REPORT

Application Number
EP 08 16 0839

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	JP H07 11475 A (KOJIMA KAGAKU YAKUHI KK) 13 January 1995 (1995-01-13)	1-4	INV. C25D3/50
Y	* abstract * * paragraph [[0007]]; claims 1,2,5; examples 1-3 * * paragraph [[0009]] *	5-10	
Y	----- US 4 673 472 A (MORRISSEY RONALD J [US] ET AL) 16 June 1987 (1987-06-16) * column 3, line 48 - column 3, line 53; examples 1-13 * * column 4, line 10 - column 5, line 18 * * column 4, line 7 - column 4, line 9 *	5-10	
A	----- WALZ ET AL: "DIE GALVANISCHE ABSCHIEDUNG VON PALLADIUM-NICKEL-LEGIERUNGEN AUS DEM AMMONIAKALISCHEN CHLORIDELEKTROLYTEN", MO METALLOBERFLACHE, IGT INFORMATIONSGESELLSCHAFT TECHNIK, MUNCHEN, DE, vol. 40, no. 3, 1 March 1986 (1986-03-01), pages 112-118, XP008163844, ISSN: 0026-0797 * abstract * * Points 3.2 and 3.4 *	1-10	
A	----- US 6 251 249 B1 (CHEVALIER JEAN W [US] ET AL) 26 June 2001 (2001-06-26) * abstract * * column 7, line 1 - column 7, line 17 * * column 7, line 25 - column 7, line 29 *	1-10	TECHNICAL FIELDS SEARCHED (IPC) C25D
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 1 August 2013	Examiner Telias, Gabriela
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	

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 08 16 0839

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82