

Title (en)

ELECTROLYTIC SOLUTION FOR ELECTROCHEMICAL DEPOSIT OF PALLADIUM OR ITS ALLOYS

Title (de)

ELEKTROLYTISCHE LÖSUNG ZUR ELEKTROCHEMISCHEN ABSCHIEDUNG VON PALLADIUM ODER DESSEN LEGIERUNGEN

Title (fr)

BAIN ELECTROLYTIQUE DESTINE AU DEPOT ELECTROCHIMIQUE DU PALLADIUM OU DE SES ALLIAGES

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Abstract (en)

[origin: WO0177417A1] The invention concerns an aqueous electrolytic solution with acid pH for electrochemical deposit of palladium or its alloys comprising a palladium compound, and optionally at least a secondary metal compound to be co-deposited in the form of an alloy with the palladium, and comprising further ethylenediamine as complexing agent for the palladium and an organic brightening agent wherein said brightening agent is 3-(3-pyridyl)acrylic acid, 3-(3-quinolyl)acrylic acid or one of their salts. The invention also concerns a method for electroplating palladium or a palladium alloy comprising electrolysis of an electrolytic solution as defined above, using current densities ranging between 0.5 and 150 A/dm<2>.

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