

Title (en)

Alkaline baths and methods for electrodeposition of palladium and palladium alloys.

Title (de)

Alkalische Bäder und Verfahren zum Elektroplattieren von Palladium und Palladiumlegierungen.

Title (fr)

Bains alcalins et procédés pour le dépôt électrolytique de palladium et alliages de palladium.

Publication

EP 0225422 A1 19870616 (EN)

Application

EP 86107737 A 19860606

Priority

US 80813185 A 19851212

Abstract (en)

Alkaline aqueous electrolytes for the electrodeposition of palladium comprising a soluble palladium compound, one or more complexing agents of an organic compound containing a heterocyclic ring having one or more nitrogen atoms in the ring position, at least one carboxyl group substituted on a ring carbon, and at least one hydroxyl or carbonyl oxygen attached to a ring carbon. The palladium compound and complexing agents are soluble in the electrolyte. Optionally, one or more soluble alloying metal compounds can be added to the electrolyte when palladium alloys are to be electrodeposited therefrom. Also, methods for formulating these electrolytes and for electrodepositing palladium or palladium alloys therefrom.

IPC 1-7

C25D 3/52; **C25D 3/56**

IPC 8 full level

C25D 3/50 (2006.01); **C25D 3/52** (2006.01); **C25D 3/56** (2006.01)

CPC (source: EP)

C25D 3/52 (2013.01); **C25D 3/567** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

BE CH DE FR GB LI NL

DOCDB simple family (publication)

EP 0225422 A1 19870616; JP S62139893 A 19870623

DOCDB simple family (application)

EP 86107737 A 19860606; JP 13044186 A 19860606