

Title (en)
Electroless deposition.

Title (de)
Verfahren zur stromlosen Metallabscheidung.

Title (fr)
Procédé de dépôt chimique.

Publication
EP 0343816 A1 19891129 (EN)

Application
EP 89304821 A 19890512

Priority
GB 8812329 A 19880525

Abstract (en)
An aqueous liquor for use as an electroless gold deposition bath, which comprises a source of gold (eg. an alkali metal gold cyanide) and a reducing agent (eg. an alkali metal borohydride), is stabilised by the incorporation of a mixture of an alkali metal or ammonium ferrocyanide and an alkali metal or ammonium ferricyanide or the incorporation of 1-H-tetrazole or another redox mediator. The liquor will in general also contain an alkali metal cyanide and may contain a chelating agent (eg. EDTA) and an accelerator (eg. thallium sulfate).

IPC 1-7
C23C 18/44

IPC 8 full level
C23C 18/44 (2006.01)

CPC (source: EP KR)
C23C 18/44 (2013.01 - EP KR)

Citation (search report)
• [A] US 3485643 A 19691223 - ZEBLISKY RUDOLPH J, et al
• [A] METAL FINISHING ABSTRACTS, vol. 16, no. 1, January/February 1974, page 24, right-hand column, abstract A; & SU-A-397 562 (INST. INORGAN. CHEM., ACAD. SCI.) 24-05-1971

Cited by
EP4407067A1; WO2024156770A1; EP4206357A1; EP0699778A1; US5338343A; EP0418715B1

Designated contracting state (EPC)
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