

Title (en)

A METHOD OF RECOVERING GOLD FROM A GOLD-BEARING CONCENTRATED COPPER CHLORIDE SOLUTION

Title (de)

VERFAHREN ZUR RÜCKGEWINNUNG VON GOLD AUS EINER GOLDHALTIGEN KONZENTRIERTEN KUPFERCHLORIDLÖSUNG

Title (fr)

PROCÉDÉ DE RÉCUPÉRATION D'OR D'UNE SOLUTION CONCENTRÉE DE CHLORURE DE CUIVRE RENFERMANT DE L'OR

Publication

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Application

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Abstract (en)

[origin: WO2017216417A1] The invention relates to a method of recovering gold from a gold-bearing concentrated copper chloride solution comprising: a) an electrodeposition step, wherein an external potential or reducing current is applied to an electrode contained in the gold-bearing concentrated copper chloride solution thereby depositing copper and optionally gold on the electrode, b) a redox replacement step, wherein the in step a) applied external potential or reducing current is cut-off or reduced thereby allowing copper deposited on the electrode to be replaced spontaneously by gold contained in the solution thereby obtaining an electrode, which contains gold.

IPC 8 full level

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