

Title (en)

PROCESS FOR RECOVERING COPPER FROM A HIGH ACID MIXED METAL SOLUTION

Title (de)

VERFAHREN ZUR GEWINNUNG VON KUPFER AUS EINER HOCHSAUREN GEMISCHTEN METALLLÖSUNG

Title (fr)

PROCEDE DE RECUPERATION DU CUIVRE DANS UNE SOLUTION DE METAUX MELANGES TRES ACIDE

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Application

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Abstract (en)

[origin: WO0043576A1] This invention relates to a process for recovering copper from a high acid mixed metal solution, said high acid mixed metal solution having a pH of about 0.5 or less and comprising copper ions, ions of at least one additional metal and sulfuric acid, said process comprising: (A) separating said high acid mixed metal solution (10) into a first fraction (14) comprising copper ions and ions of said at least one additional metal, and a second fraction (16) comprising said sulfuric acid; (B) separating said copper ions from said first fraction; (C) forming an electrolyte solution comprising said copper ions from step (B); and (D) electrodepositing copper from said electrolyte solution. The copper that is electrodeposited may be in the form of copper powder or copper foil.

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