

Title (en)

METHOD FOR RECOVERING METAL FROM SOLUTION, SYSTEM FOR RECOVERING METAL FROM SOLUTION, AND SYSTEM FOR RECOVERING LITHIUM FROM SALT WATER

Title (de)

VERFAHREN ZUR GEWINNUNG VON METALLEN AUS LÖSUNGEN, SYSTEM ZUR GEWINNUNG VON METALLEN AUS LÖSUNGEN UND SYSTEM ZUR GEWINNUNG VON LITHIUM AUS SALZWASSER

Title (fr)

PROCÉDÉ DE RÉCUPÉRATION DE MÉTAL DEPUIS UNE SOLUTION, SYSTÈME DE RÉCUPÉRATION DE MÉTAL DEPUIS UNE SOLUTION, ET SYSTÈME DE RÉCUPÉRATION DE LITHIUM DEPUIS DE L'EAU SALÉE

Publication

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Application

EP 13790312 A 20130117

Priority

- KR 20120051834 A 20120516
- KR 2013000353 W 20130117

Abstract (en)

[origin: EP2851454A1] In a method for recovering a metal from a solution, a first electrode that includes a metal for recovery and a second electrode that includes a metal different from the metal for recovery are prepared. The first electrode and the second electrode are immersed in a first solution that includes a metal ion for recovery. The metal ion for recovery in the first solution is combined with the first electrode. The first electrode and the second electrode are charged while immersing the first and second electrodes in a second solution different from the first solution so that the metal ion for recovery is separated from the first electrode. The metal for recovery is recovered from the second solution.

IPC 8 full level

C22B 26/12 (2006.01); **C25C 1/02** (2006.01); **C25C 1/22** (2006.01); **C25C 3/02** (2006.01); **C25C 7/02** (2006.01)

CPC (source: EP KR US)

C22B 26/12 (2013.01 - EP KR US); **C25C 1/02** (2013.01 - EP US); **C25C 1/22** (2013.01 - US); **C25C 3/02** (2013.01 - KR); **C25C 7/02** (2013.01 - US)

Citation (search report)

- [X] US 5198081 A 19930330 - KANOHI HIROFUMI [US], et al
- See references of WO 2013172533A1

Cited by

WO2021160240A1; WO2021160239A1

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DOCDB simple family (publication)

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