

Title (en)

METHOD FOR OPTIMISING THE YIELD OF ELECTROEXTRACTION OF HEAVY METALS IN AQUEOUS SOLUTION WITH A HIGH SALT CONCENTRATION, AND DEVICE FOR THE IMPLEMENTATION THEREOF

Title (de)

VERFAHREN ZUR OPTIMIERUNG DER AUSBEUTE DER ELEKTROEXTRAKTION VON SCHWERMETALLEN IN WÄSSRIGER LÖSUNG MIT EINER HOHEN SALZKONZENTRATION UND VORRICHTUNG ZUR IMPLEMENTIERUNG DAVON

Title (fr)

PROCÉDÉ D'OPTIMISATION DE RENDEMENT DE L'EXTRACTION PAR ÉLECTROLYSE DE MÉTAUX LOURDS EN SOLUTION AQUEUSE A FORTE CONCENTRATION DE SELS ET DISPOSITIF POUR SA MISE EN OEUVRE

Publication

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Application

**EP 14708312 A 20140122**

Priority

FR 2014000016 W 20140122

Abstract (en)

[origin: WO2015110713A1] The invention relates to technical conditions of composition and use applied to the existing method and device for extracting heavy metals from an aqueous solution with a high salt concentration, with the single aim of adapting said method to technical, technological and ecological developments that have taken place since the protection thereof, and substantially optimising the results. To this end, the invention of the present patent application adds, to the device of the initial patent, an electronic control means (MC) that can manage three new actions. Disclosed are also modifications in the quality, function, destination and operation of certain elements of the device as well as the addition of a filter at the end of the electroplating operation, the purpose of which is to optimise the quality of the rejected effluent.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2015110713A1

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