

Title (en)

METHOD AND DEVICE FOR THE REGULATION OF THE CONCENTRATION OF METAL IONS IN AN ELECTROLYTE AND USE THEREOF

Title (de)

VERFAHREN UND VORRICHTUNG ZUM REGULIEREN DER KONZENTRATION VON METALLIONEN IN EINER ELEKTROLYTFLÜSSIGKEIT  
SOWIE ANWENDUNG DES VERFAHRENS UND VERWENDUNG DER VORRICHTUNG

Title (fr)

PROCEDE ET DISPOSITIF POUR REGULER LA CONCENTRATION D'IONS METALLIQUES DANS UN ELECTROLYTE, MISE EN OEUVRE  
DUDIT PROCEDE ET UTILISATION DUDIT DISPOSITIF

Publication

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Application

**EP 01915052 A 20010223**

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Abstract (en)

[origin: US2003000842A1] In order to regulate the metal ion concentration in an electrolyte fluid serving to electrolytically deposit metal and additionally containing substances of an electrochemically reversible redox system, it has been known in the art to conduct at least one portion of the electrolyte fluid through one auxiliary cell provided with one insoluble auxiliary anode and at least one auxiliary cathode, a current being conducted between them by applying a voltage. Accordingly, excess quantities of the oxidized substances of the redox system are reduced at the auxiliary cathode, the formation of ions of the metal to be deposited being reduced as a result thereof. Starting from this prior art, the present invention relates to using pieces of the metal to be deposited as an auxiliary cathode.

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