

Title (en)

APPARATUS FOR PRODUCING METAL BY MOLTEN SALT ELECTROLYSIS, AND PROCESS FOR PRODUCING METAL USING THE APPARATUS

Title (de)

VORRICHTUNG ZUR HERSTELLUNG VON METALL DURCH SCHMELZFLUSSELEKTROLYSE UND VERFAHREN ZUR HERSTELLUNG VON METALL UNTER VERWENDUNG DER VORRICHTUNG

Title (fr)

APPAREIL POUR PRODUIRE UN MÉTAL PAR ÉLECTROLYSE DES SELS FONDUS ET PROCÉDÉ POUR PRODUIRE DU MÉTAL À L'AIDE DE L'APPAREIL

Publication

**EP 2123798 A1 20091125 (EN)**

Application

**EP 08702801 A 20080122**

Priority

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Abstract (en)

An apparatus for production of metal by molten salt electrolysis and a method for production of metal using this, in particular, the apparatus and method for production of metal in which metal having solubility in an electrolysis bath can be efficiently produced and recovered are provided. In the method for production of metal, an electrolysis bath is filled in an electrolysis vessel, positive and cathode are immersed and arranged, metal is deposited on the cathode in which cooling medium can flow inside of the cathode, the solid metal deposited is melted in the electrolysis bath by disconnecting electric current to the cathode, and the molten metal is immediately removed to the outside of the electrolysis vessel.

IPC 8 full level

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CPC (source: EP)

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