

Title (en)

METHOD FOR MANUFACTURING TITANIUM-CONTAINING ELECTRODEPOSIT, AND METAL TITANIUM ELECTRODEPOSIT

Title (de)

VERFAHREN ZUR HERSTELLUNG TITANHALTIGER ELEKTROTAUHLACKIERUNGEN UND METALLTITANELEKTROTAUHLACKIERUNG

Title (fr)

PROCÉDÉ DE FABRICATION D'ÉLECTRODÉPÔT CONTENANT DU TITANE ET ÉLECTRODÉPÔT DE TITANE MÉTALLIQUE

Publication

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Application

EP 22832600 A 20220427

Priority

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Abstract (en)

Provided is a method for producing a titanium-containing electrodeposit, which can achieve good refinement by an electrodeposition without using the Kroll method. A method for producing a titanium-containing electrodeposit, including an electrodeposition step of electrodepositing a titanium-containing electrodeposit in a chloride bath, the chloride bath being a molten salt, using an anode including a TiAlO conductive material containing titanium, aluminum, and oxygen, and a cathode, wherein, in the electrodeposition step, a current density of the cathode is in a range of 0.3 A/cm² or more and 2.0 A/cm² or less, and wherein the chloride bath contains 1 mol% or more of a titanium subchloride.

IPC 8 full level

C25C 3/28 (2006.01); **C22B 34/12** (2006.01); **C25C 7/02** (2006.01)

CPC (source: EP US)

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Citation (search report)

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