Title (en)

METHOD AND DEVICE FOR RELEASING ANODE BASE THIMBLES, IN PARTICULAR FOR ANODES USED FOR THE PRODUCTION OF ALUMINIUM BY IGNEOUS ELECTROLYSIS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ABLÖSUNG VON ANODENBASISKAPPEN, INSBESONDERE FÜR ZUR HERSTELLUNG VON ALUMINIUM DURCH ELEKTROLYSE VERWENDETE ANODEN

Title (fr)

PROCEDE ET DISPOSITIF POUR DETACHER LES TIMBALES DES PIEDS D'ANODES, NOTAMMENT D'ANODES UTILISEES POUR LA PRODUCTION D'ALUMINIUM PAR ELECTROLYSE IGNEE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2009098367A1] The invention relates to a method for the single-step removal of thimbles attached to the rods of a base of an anode stem, that comprises the following steps: a) placing said anode stem between an abutment device and an etching device, the abutment device at least partially surrounding each of the rods of said anode stem and having an abutment surface blocking the advance of the corresponding thimble; moving the etching device in the direction of the abutment device until said anode base is in contact with said abutment device; c) carrying on the movement of the etching device so that each thimble blocked by the associated abutment surface is detached from the corresponding rod; d) interrupting and removing the etching device. The method comprises using an abutment device including at least two abutment surfaces located at an axial distance from each other such that the thimbles blocked by a first abutment surface are disconnected from the rods before the other thimbles are blocked by the other abutment surface.

IPC 8 full level

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