

Title (en)
SERVICE MODULE WITH AT LEAST ONE ANODE CLAMP AND MEANS FOR APPLYING A FORCE OR A SHOCK ON THE ANODE ROD

Title (de)
SERVICEMODUL MIT MINDESTENS EINER ANODENKLEMME UND MITTELN ZUR ANWENDUNG EINER KRAFT ODER EINES SCHOCKS AUF DIE ANODENSTANGE

Title (fr)
MODULE DE SERVICE MUNI D'AU MOINS UNE PINCE A ANODE ET D'UN MOYEN PERMETTANT D'EXERCER UNE FORCE OU UN CHOC SUR LA TIGE D'ANODE

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Application
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Abstract (en)
[origin: WO2008135653A1] The invention relates to a service module (13) for a series of electrolysis cells (2) for producing aluminium by igneous electrolysis, each cell including a series of anodes (3) with a metal rod (4) for the attachment and the electrical connection of the anodes to an anodic frame (30), wherein said service module includes a frame that can be attached to a mobile member and at least one anode handling unit connected to the frame, characterised in that it further comprises an activator (70, 80, 245, 20, 20') connected to said anode handling unit and capable of applying at least a force or a shock on the anode rod (4) with a strength such that, even if the rod is firmly maintained in contact with the anodic frame, the contact surfaces undergo a relative displacement having an amplitude that is sufficient for their surface state to be modified and the electric contact improved. The activator is advantageously a jack or a shock generator connected to the anode clamp.

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Citation (search report)
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