Title (en)

DEVICE AND METHOD FOR MAINTAINING AND CONNECTING AN ANODE ROD ON AN ANODE FRAME OF AN ALUMINUM ELECTROLYTIC CELL

Title (de)

VORRICHTUNG UND VERFAHREN ZUM HALTEN UND VERBINDEN EINES ANODENSTABS AUF EINEM ANODENRAHMEN EINER ALUMINIUMELEKTROLYSEZELLE

Title (fr)

DISPOSITIF ET PROCEDE DE MAINTIEN ET DE RACCORDEMENT D'UNE TIGE D'ANODE SUR UN CADRE ANODIQUE D'UNE CELLULE D'ELECTROLYSE DE L'ALUMINIUM

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Application

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Priority

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Abstract (en)

[origin: WO2006111649A1] The anode rod (7) is placed between two hooks (8) fixed to the anode frame (5) and whereon is supported a connector (9) comprising two levers (10, 11), two coaxial lateral rods (17a) and a screw (19) for pivoting the levers between a position pressing the anode rod against the anode frame and a released position. The geometry and the material constituting at least one hook, a lever and/or a lateral rod enable, when the screw is clamped, the device to be sufficiently elastically deformed relative to the anode frame. Thus said device can, through elastic return to its rest position, compensate a modification of the position of the anode rod and continue to maintain said anode rod firmly against the anode frame.

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