Title (en)

ELECTROLYSIS TANK COMPRISING AN ANODE ASSEMBLY CONTAINED IN A CONTAINMENT ENCLOSURE

Title (de)

ELEKTROLYSETANK MIT EINER IN EINEM RÜCKHALTEBEHÄLTER ENTHALTENEN ANODENANORDNUNG

Title (fr)

CUVE D'ELECTROLYSE COMPORTANT UN ENSEMBLE ANODIQUE CONTENU DANS UNE ENCEINTE DE CONFINEMENT

Publication

EP 3099844 B1 20221019 (FR)

Application

EP 15740994 A 20150123

Priority

- FR 1400169 A 20140127
- IB 2015000072 W 20150123

Abstract (en)

[origin: WO2015110904A1] This tank (1) comprises a housing (2) delimiting an opening through which an anode block (10) is intended to be moved, said anode block (10) being suspended from an anode support (8) forming, with said anode block, an anode assembly that is movable relative to the housing (2), and a containment enclosure (22) delimiting a closed volume above said opening intended to contain the gases generated during the production of aluminium, the anode support (8) being connected to an electrical conductor (26) so as to feed an electrolysis current to the anode block (10), the anode assembly being contained, in its entirety, in the containment enclosure (22), and the electrical connection between the movable electrical conductor (26) and the anode support (8) being made inside the containment enclosure (22).

IPC 8 full level

C25C 3/10 (2006.01); **C25C 3/12** (2006.01); **C25C 3/16** (2006.01); **C25C 3/22** (2006.01)

CPC (source: DK EP US)

C25C 3/10 (2013.01 - DK EP US); **C25C 3/12** (2013.01 - EP US); **C25C 3/16** (2013.01 - DK EP US); **C25C 3/22** (2013.01 - EP US)

Citation (examination)

- US 6358393 B1 20020319 - BERCLAZ GEORGES [CH], et al
- US 4397728 A 19830809 - PFISTER HANS [CH], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

DOCDB simple family (publication)

WO 2015110904 A1 20150730; AR 099184 A1 20160706; AU 2015208858 A1 20160728; AU 2015208858 B2 20181101; BR 112016015154 A2 20170808; BR 112016015154 B1 20220104; CA 2935676 A1 20150730; CA 2935676 C 20230328; CN 105934538 A 20160907; CN 105934538 B 20190319; DK 179941 B1 20191016; DK 201670538 A1 20160905; EA 033165 B1 20190930; EA 201691527 A1 20161230; EP 3099844 A1 20161207; EP 3099844 A4 20171122; EP 3099844 B1 20221019; FR 3016894 A1 20150731; FR 3016894 B1 20170901; MY 179496 A 20201109; US 10513788 B2 20191224; US 2016326661 A1 20161110

DOCDB simple family (application)

IB 2015000072 W 20150123; AR P150100211 A 20150126; AU 2015208858 A 20150123; BR 112016015154 A 20150123; CA 2935676 A 20150123; CN 201580005916 A 20150123; DK PA201670538 A 20160719; EA 201691527 A 20150123; EP 15740994 A 20150123; FR 1400169 A 20140127; MY PI2016702696 A 20150123; US 201515111486 A 20150123