

Title (en)
ELECTROLYTIC CELL INTENDED FOR THE PRODUCTION OF ALUMINIUM AND ELECTROLYTIC SMELTER COMPRISING THIS CELL

Title (de)
ELEKTROLYSEZELLE ZUR HERSTELLUNG VON ALUMINIUM UND ELEKTROLYTISCHE SCHMELZVORRICHTUNG MIT DIESER ZELLE

Title (fr)
CUVE D'ELECTROLYSE DESTINEE A LA PRODUCTION D'ALUMINIUM ET USINE D'ELECTROLYSE COMPRENANT CETTE CUVE

Publication
EP 3030694 A1 20160615 (FR)

Application
EP 14834525 A 20140730

Priority
• FR 1301910 A 20130809
• FR 1400170 A 20140127
• CA 2014050721 W 20140730

Abstract (en)
[origin: WO2015017923A1] This cell (1) comprises a housing (2) having two longitudinal sides (18) that are symmetrical with respect to a longitudinal median plane (P) of the electrolytic cell (1), an anode assembly movable only in vertical translation with respect to the housing (2), the anode assembly comprising an anode block (100) and a transverse anode support (200) extending perpendicular to the longitudinal sides (18) of the housing (2) and from which the anode block (100) is suspended. The anode support (200) comprises two connecting portions (202) from which the anode support (200) is supplied with electrolysis current, and the cell (1) comprises connecting electrical conductors (20) that are electrically connected to the two connecting portions (202) of the anode support (200), the two connecting portions (202) being arranged on either side of the plane (P).

IPC 8 full level
C25C 3/08 (2006.01); **C25C 3/06** (2006.01)

CPC (source: EA EP US)
C25C 3/10 (2013.01 - EA EP US); **C25C 3/16** (2013.01 - EA EP US); **C25C 7/007** (2013.01 - EA EP US)

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 ME

DOCDB simple family (publication)
WO 2015017923 A1 20150212; AU 2014305612 A1 20160211; AU 2014305612 B2 20171221; BR 112016001951 A2 20170801; CA 2919544 A1 20150212; CA 2919544 C 20211116; CN 105531400 A 20160427; CN 105531400 B 20171124; DK 178961 B1 20170703; DK 201670125 A1 20160314; EA 034760 B1 20200317; EA 201690340 A1 20160630; EP 3030694 A1 20160615; EP 3030694 A4 20170531; EP 3030694 B1 20190522; MY 178283 A 20201007; US 10697074 B2 20200630; US 2016186344 A1 20160630

DOCDB simple family (application)
CA 2014050721 W 20140730; AU 2014305612 A 20140730; BR 112016001951 A 20140730; CA 2919544 A 20140730; CN 201480044964 A 20140730; DK PA201670125 A 20160303; EA 201690340 A 20140730; EP 14834525 A 20140730; MY PI2016700417 A 20140730; US 201414911164 A 20140730