

Title (en)
CATHODE SHELL STRUCTURE

Title (de)
KATHODENWANNENSTRUKTUR

Title (fr)
STRUCTURE D'ENVELOPPE DE CATHODE

Publication
EP 2475807 B1 20180228 (EN)

Application
EP 10814008 A 20100903

Priority
• NO 20092968 A 20090907
• NO 2010000327 W 20100903

Abstract (en)
[origin: WO2011028132A1] Cathode structure for an electrolysis cell, preferably a cell for production of aluminium according to the Hall-Heroult process, said structure comprises a shell with vertical stiffeners and horizontal webs at its outside, and further several cradle structures (12) consisting of interconnected vertical structural elements (6) and horizontal beams (5). The structure comprises at least one horizontal web (9) having apertures (16) and further being arranged in contact with said shell.

IPC 8 full level
C25C 3/08 (2006.01); **C25C 3/10** (2006.01)

CPC (source: EP)
C25C 3/08 (2013.01); **C25C 3/085** (2013.01)

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 SE SI SK SM TR

DOCDB simple family (publication)
WO 2011028132 A1 20110310; AR 078338 A1 20111102; AU 2010290196 A1 20120329; AU 2010290196 B2 20151217; BR 112012005051 A2 20160503; BR 112012005051 B1 20190521; CA 2773127 A1 20110310; CA 2773127 C 20161122; CN 102549198 A 20120704; CN 102549198 B 20151209; EA 021620 B1 20150730; EA 201200453 A1 20120928; EP 2475807 A1 20120718; EP 2475807 A4 20160413; EP 2475807 B1 20180228; IN 1944DEN2012 A 20150821; NO 2475807 T3 20180728; NZ 598998 A 20140131; ZA 201201656 B 20121128

DOCDB simple family (application)
NO 2010000327 W 20100903; AR P100103263 A 20100906; AU 2010290196 A 20100903; BR 112012005051 A 20100903; CA 2773127 A 20100903; CN 201080039921 A 20100903; EA 201200453 A 20100903; EP 10814008 A 20100903; IN 1944DEN2012 A 20120305; NO 10814008 A 20100903; NZ 59899810 A 20100903; ZA 201201656 A 20120306