

Title (en)
SIDE INSULATION COATING FOR AN ELECTROLYTIC CELL

Title (de)
SEITENISOLATIONSBESCHICHTUNG FÜR EINE ELEKTROLYSEZELLE

Title (fr)
REVÊTEMENT LATÉRAL D'ISOLATION POUR CUVE D'ÉLECTROLYSE

Publication
EP 3164529 A1 20170510 (FR)

Application
EP 15814096 A 20150701

Priority

- FR 1401518 A 20140704
- IB 2015001116 W 20150701

Abstract (en)
[origin: WO2016001743A1] The invention relates to an electrolytic cell (100) which includes a box (200) comprising side walls (3), and a side insulation coating covering the side walls (3), the side insulation coating including: thermally insulating elements (1) made of compressible material; bracing elements (2) made of refractory material having at least one side surface, the thermally insulating elements (1) and the bracing elements (2) being affixed in an alternating manner against at least one side wall (3) of the box (200); and inner facing blocks (5) arranged such that each inner facing block (5) bears against the side surface of at least two bracing elements (2). The side insulation coating can also include protection elements (4) made of refractory material or outer facing panels (6).

IPC 8 full level
C25C 3/08 (2006.01)

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

Cited by
FR3129157A1; WO2023233196A1

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 2016001743 A1 20160107; AU 2015282394 A1 20170112; AU 2015282394 B2 20190307; CA 2950692 A1 20160107; CA 2950692 C 20220726; CN 106661747 A 20170510; CN 106661747 B 20180807; EP 3164529 A1 20170510; EP 3164529 A4 20180124; EP 3164529 B1 20190424; FR 3023301 A1 20160108; FR 3023301 B1 20160701; RU 2017103537 A 20180806; RU 2017103537 A3 20190128; RU 2689292 C2 20190524

DOCDB simple family (application)
IB 2015001116 W 20150701; AU 2015282394 A 20150701; CA 2950692 A 20150701; CN 201580034926 A 20150701; EP 15814096 A 20150701; FR 1401518 A 20140704; RU 2017103537 A 20150701