

Title (en)

IMPROVEMENTS RELATING TO ELECTROLYSIS CELLS CONNECTED IN SERIES AND A METHOD FOR OPERATION OF SAME

Title (de)

VERBESSERUNGEN BEZÜGLICH IN REIHE GESCHALTETER ELEKTROLYSEZELLEN UND VERFAHREN ZU DEREN BETRIEB

Title (fr)

AMÉLIORATIONS CONCERNANT DES CELLULES D'ÉLECTROLYSE BRANCHÉES EN SÉRIE ET LEUR PROCÉDÉ D'EXPLOITATION

Publication

EP 2150639 A4 20140305 (EN)

Application

EP 08723979 A 20080310

Priority

- NO 2008000087 W 20080310
- NO 20071766 A 20070402

Abstract (en)

[origin: WO2008120993A1] A method and improvements relating to an electrolysis cell, where the cell comprises a substantially horizontal cathode of an electronic conducting material and further have current leads such as horizontal collector bars embedded therein. The cell further comprises a bus bar system. The cell can be operated by improved distribution of electrical current, while said bus bar system conduct current from at least one intermediate position of the cathode. The invention can be applied for cells arranged both in an end-to-end manner and in a side-by-side manner.

IPC 8 full level

C25C 3/16 (2006.01)

CPC (source: EP)

C25C 3/16 (2013.01)

Citation (search report)

- [X] DE 3004071 A1 19810702 - ALUSUISSE [CH]
- [X] US 3575827 A 19710420 - JOHNSON ARTHUR F
- [E] WO 2008033034 A1 20080320 - NORSK HYDRO AS [NO], et al
- See references of WO 2008120993A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 2008120993 A1 20081009; AU 2008233392 A1 20081009; AU 2008233392 B2 20120426; BR PI0809671 A2 20141007; BR PI0809671 B1 20181030; CA 2681205 A1 20081009; CA 2681205 C 20140204; CN 101663422 A 20100303; CN 101663422 B 20111228; EA 016404 B1 20120430; EA 200901330 A1 20100226; EP 2150639 A1 20100210; EP 2150639 A4 20140305; EP 2150639 B1 20180516; NO 20071766 L 20081003; NO 331318 B1 20111121; NZ 579815 A 20120427; ZA 200906503 B 20100630

DOCDB simple family (application)

NO 2008000087 W 20080310; AU 2008233392 A 20080310; BR PI0809671 A 20080310; CA 2681205 A 20080310; CN 200880010714 A 20080310; EA 200901330 A 20080310; EP 08723979 A 20080310; NO 20071766 A 20070402; NZ 57981508 A 20080310; ZA 200906503 A 20090917