

Title (en)
ELECTROLYSIS APPARATUS

Title (de)
ELEKTROLYSEVORRICHTUNG

Title (fr)
APPAREIL D'ÉLECTROLYSE

Publication
EP 2893055 A4 20160824 (EN)

Application
EP 13835932 A 20130905

Priority
• AU 2012903914 A 20120907
• AU 2013001000 W 20130905

Abstract (en)
[origin: WO2014036599A1] Apparatus for performing electrolysis and generating heat, the apparatus including an electrolysis cell including, a cell housing defining an electrolyte cavity, the electrolyte cavity containing an electrolyte in use, a plurality of substantially parallel spaced apart electrode plates provided within the electrolyte cavity, the electrode plates defining at least one anode and at least one cathode at least partially submersed within the electrolyte in use, at least two connectors, which in use are connected to an electrical power supply thereby allowing an electrical current to be supplied to the electrolyte to thereby perform electrolysis and heating of the electrolyte, at least one cell outlet in fluid communication with the electrolyte cavity, the at least one cell outlet being coupled to a heat recovery module in use and at least one cell inlet allowing electrolyte to be supplied to the electrolyte cavity.

IPC 8 full level
C25B 1/04 (2006.01); **C25B 1/08** (2006.01); **C25B 15/02** (2006.01); **C25B 15/08** (2006.01)

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Citation (search report)
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Designated contracting state (EPC)
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WO 2014036599 A1 20140313; AU 2013313017 A1 20140925; BR 112015005093 A2 20170926; CA 2923291 A1 20140313; CN 104769160 A 20150708; CN 104769160 B 20180601; EA 201590498 A1 20150831; EP 2893055 A1 20150715; EP 2893055 A4 20160824; IN 2805DEN2015 A 20150904; JP 2015531433 A 20151102; JP 6333259 B2 20180530; NZ 629974 A 20161028; SG 11201501679Y A 20150429; US 2015211131 A1 20150730; ZA 201501690 B 20160330

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