

Title (en)

BIPOLAR ELECTRODES WITH HIGH ENERGY EFFICIENCY, AND USE THEREOF FOR SYNTHESISING SODIUM CHLORATE

Title (de)

BIOPOLARE ELEKTRODEN MIT HOHER ENERGIEEFFIZIENZ UND IHRE VERWENDUNG ZUR SYNTHETISIERUNG VON NATRIUMCHLORAT

Title (fr)

ELECTRODES BIPOLAIRES À HAUTE EFFICACITÉ ÉNERGÉTIQUE ET USAGE DE CELLES-CI POUR LA SYNTHÈSE DU CHLORATE DE SODIUM

Publication

EP 2451995 A1 20120516 (FR)

Application

EP 10796605 A 20100408

Priority

- CA 2010000531 W 20100408
- CA 2671211 A 20090708

Abstract (en)

[origin: WO2011003173A1] The invention relates to novel bipolar electrodes with a cathodic coating on one portion of the electrode and an anodic coating on another portion of the same electrode. The anodic coating is preferably a DSA coating and the cathodic coating is an alloy such as Fe₃-xAl-1+xMyTz. The invention also relates to the use of said novel electrodes for synthesising sodium chlorate.

IPC 8 full level

C25B 1/26 (2006.01); **C25B 11/04** (2006.01)

CPC (source: EP US)

C25B 1/265 (2013.01 - EP US); **C25B 11/091** (2021.01 - EP US)

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 MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

CA 2671211 A1 20110108; BR 112012000318 A2 20190604; CA 2767434 A1 20110113; CN 102859041 A 20130102; CN 102859041 B 20150617; EP 2451995 A1 20120516; EP 2451995 A4 20161116; US 2012138477 A1 20120607; WO 2011003173 A1 20110113; WO 2011003173 A8 20110414

DOCDB simple family (application)

CA 2671211 A 20090708; BR 112012000318 A 20100408; CA 2010000531 W 20100408; CA 2767434 A 20100408; CN 201080039525 A 20100408; EP 10796605 A 20100408; US 201013382664 A 20100408