

Title (en)

ELECTROCHEMICAL CO-PRODUCTION OF CHEMICALS EMPLOYING THE RECYCLING OF A HYDROGEN HALIDE

Title (de)

ELEKTROCHEMISCHE COPRODUKTION VON CHEMIKALIEN MIT WIEDERVERWENDUNG EINES HALOGENWASSERSTOFFEN

Title (fr)

COPRODUCTION PAR VOIE ÉLECTROCHIMIQUE DE PRODUITS CHIMIQUES FAISANT APPEL AU RECYCLAGE D'UN HALOGÉNURE D'HYDROGÈNE

Publication

EP 2897908 A1 20150729 (EN)

Application

EP 13838395 A 20130805

Priority

- US 201261703187 P 20120919
- US 201261703175 P 20120919
- US 201261703232 P 20120919
- US 201261703231 P 20120919
- US 201261703238 P 20120919
- US 201261703229 P 20120919
- US 201261703234 P 20120919
- US 201261703158 P 20120919
- US 201261720670 P 20121031
- US 201213724878 A 20121221
- US 2013053569 W 20130805

Abstract (en)

[origin: WO2014046790A1] The present disclosure is a method and system for electrochemically co-producing a first product and a second product. The system may include a first electrochemical cell, a first reactor, a second electrochemical cell, at least one second reactor, and at least one third reactor. The method and system for co- producing a first product and a second product may include co-producing a glycol and an alkene employing a recycled halide.

IPC 8 full level

C02F 1/00 (2006.01); **C25B 3/29** (2021.01); **C25B 9/23** (2021.01); **C02F 9/06** (2006.01); **C25B 3/23** (2021.01); **C25B 3/25** (2021.01); **C25B 9/19** (2021.01)

CPC (source: CN EP)

C02F 1/461 (2013.01 - CN); **C02F 1/46109** (2013.01 - CN); **C25B 1/04** (2013.01 - CN); **C25B 3/23** (2021.01 - CN EP); **C25B 3/25** (2021.01 - CN EP); **C25B 9/00** (2013.01 - CN EP); **C25B 9/19** (2021.01 - CN EP); **C25B 11/03** (2013.01 - CN); **C25B 11/057** (2021.01 - CN); **C25B 11/075** (2021.01 - CN); **C25B 13/02** (2013.01 - CN); **C25B 15/08** (2013.01 - CN EP); **C02F 2001/46133** (2013.01 - CN); **C25B 11/097** (2021.01 - CN); **Y02P 20/129** (2015.11 - EP); **Y02P 30/20** (2015.11 - EP); **Y02P 30/40** (2015.11 - EP)

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 2014046790 A1 20140327; AU 2013318501 A1 20150326; AU 2013318502 A1 20150326; AU 2013318506 A1 20150326; AU 2013318507 A1 20150326; AU 2018204558 A1 20180712; AU 2018204558 B2 20200611; BR 112015006113 A2 20180529; BR 112015006139 A2 20170822; BR 112015006196 A2 20170704; BR 112015006212 A2 20170704; BR 112015006214 A2 20170704; CA 2883367 A1 20140327; CA 2883748 A1 20140327; CA 2883748 C 20210810; CA 2883752 A1 20140327; CA 2883752 C 20210427; CA 2883900 A1 20140327; EP 2883900 C 20201027; CN 104640814 A 20150520; CN 104640815 A 20150520; CN 104640816 A 20150520; CN 104641019 A 20150520; CN 104641019 B 20171205; CN 104641021 A 20150520; CN 104641021 B 20190212; CN 104718156 A 20150617; EP 2897899 A2 20150729; EP 2897899 A4 20151028; EP 2897907 A1 20150729; EP 2897907 A4 20151021; EP 2897907 B1 20181003; EP 2897908 A1 20150729; EP 2897908 A4 20160518; EP 2897910 A2 20150729; EP 2897910 A4 20151021; EP 2897910 B1 20190102; EP 2898118 A2 20150729; EP 2898118 A4 20151021; EP 2898118 B1 20181003; EP 2900847 A2 20150805; EP 2900847 A4 20151021; EP 2900847 B1 20210324; ES 2703098 T3 20190307; ES 2703123 T3 20190307; ES 2718328 T3 20190701; JP 2015533947 A 20151126; JP 2015534609 A 20151203; JP 2015535884 A 20151217; JP 2015535885 A 20151217; KR 20150056628 A 20150526; KR 20150056629 A 20150526; KR 20150056634 A 20150526; KR 20150056635 A 20150526; SA 515360160 B1 20160511; WO 2014046792 A1 20140327; WO 2014046793 A1 20140327; WO 2014046795 A2 20140327; WO 2014046795 A3 20141009; WO 2014046796 A2 20140327; WO 2014046796 A3 20141106; WO 2014046797 A2 20140327; WO 2014046797 A3 20140522; WO 2014046798 A2 20140327; WO 2014046798 A3 20140626

DOCDB simple family (application)

US 2013053561 W 20130805; AU 2013318501 A 20130805; AU 2013318502 A 20130805; AU 2013318506 A 20130805; AU 2013318507 A 20130805; AU 2018204558 A 20180622; BR 112015006113 A 20130805; BR 112015006139 A 20130805; BR 112015006196 A 20130805; BR 112015006212 A 20130805; BR 112015006214 A 20130805; CA 2883367 A 20130805; CA 2883748 A 20130805; CA 2883752 A 20130805; CA 2883900 A 20130805; CN 201380048396 A 20130805; CN 201380048416 A 20130805; CN 201380048467 A 20130805; CN 201380048487 A 20130805; CN 201380048544 A 20130805; CN 201380048712 A 20130805; EP 13838376 A 20130805; EP 13838395 A 20130805; EP 13839027 A 20130805; EP 13839631 A 20130805; EP 13839654 A 20130805; EP 13839836 A 20130805; ES 13838376 T 20130805; ES 13839027 T 20130805; ES 13839836 T 20130805; JP 2015533060 A 20130805; JP 2015533061 A 20130805; JP 2015533062 A 20130805; JP 2015533063 A 20130805; KR 20157009795 A 20130805; KR 20157009797 A 20130805; KR 20157009896 A 20130805; KR 20157009898 A 20130805; SA 515360160 A 20150318; US 2013053569 W 20130805; US 2013053580 W 20130805; US 2013053587 W 20130805; US 2013053592 W 20130805; US 2013053600 W 20130805; US 2013053607 W 20130805