

Title (en)

ELECTROLYTIC PROCESS TO SEPARATE ALKALI METAL IONS FROM ALKALI SALTS OF GLYCERINE

Title (de)

ELEKTROLYSEVERFAHREN ZUR TRENNUNG VON ALKALIMETALLIONEN VON ALKALISALZEN AUS GLYZERIN

Title (fr)

PROCESSUS ÉLECTROLYTIQUE POUR SÉPARER DES IONS DE MÉTAUX ALCALINS DE SELS ALCALINS DE GLYCÉRINE

Publication

EP 2212449 A4 20101208 (EN)

Application

EP 08845681 A 20081103

Priority

- US 2008082278 W 20081103
- US 98503307 P 20071102

Abstract (en)

[origin: WO2009059315A1] Methods and apparatus for separating alkali metal ions from alkali salts of glycerine to thereby form clean glycerine. These methods are enabled by the use of alkali ion conductive membranes (12) in electrolytic cells (10) that are chemically stable in low pH conditions. The alkali ion conductive membrane (12) preferably includes a chemically stable ionic-selective polymer membrane. A layered composite of a chemically stable ionic-selective polymer and a cation-conductive ceramic membrane is disclosed.

IPC 8 full level

C25B 1/46 (2006.01); **B01D 61/42** (2006.01); **C10L 1/30** (2006.01)

CPC (source: EP)

C25B 1/02 (2013.01); **C25B 3/00** (2013.01); **B01D 61/44** (2013.01)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 2009059315A1

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 2009059315 A1 20090507; EP 2212449 A1 20100804; EP 2212449 A4 20101208

DOCDB simple family (application)

US 2008082278 W 20081103; EP 08845681 A 20081103