

Title (en)

METHOD OF REDUCING THE CATHODIC OVERVOLTAGE OF AN ELECTROLYTIC CELL

Title (de)

VERFAHREN ZUR HERABSETZUNG DER KATHODISCHEN ÜBERSpannung IN EINER ELEKTROLYTISCHEN ZELLE

Title (fr)

PROCEDE DE REDUCTION DE LA SURTENSION CATHODIQUE D'UNE CELLULE ELECTROLYTIQUE

Publication

**EP 1125006 A1 20010822 (EN)**

Application

**EP 99971052 A 19991022**

Priority

- US 9924862 W 19991022
- US 10533698 P 19981023

Abstract (en)

[origin: WO0024950A1] In a method of reducing the cathodic overvoltage of an electrolytic cell, which contains a cathode compartment, a cathode and a catholyte solution situated within said cathode compartment, an anode compartment, an anode and an anolyte solution situated within said anode compartment and a permeable barrier between said cathode compartment and anode compartment, the residue of a heat-treated noble metal catalyst is introduced into the catholyte solution.

IPC 1-7

**C25B 15/00**; **C25B 11/00**

IPC 8 full level

**C25B 15/08** (2006.01); **C25B 11/00** (2006.01); **C25B 15/00** (2006.01); **C25B 15/02** (2006.01)

CPC (source: EP)

**C25B 11/00** (2013.01); **C25B 15/00** (2013.01)

Citation (search report)

See references of WO 0024950A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 0024950 A1 20000504**; AU 1129800 A 20000515; AU 1225500 A 20000515; EP 1125006 A1 20010822; EP 1135546 A1 20010926; JP 2002528640 A 20020903; JP 2002528641 A 20020903; WO 0024949 A1 20000504

DOCDB simple family (application)

**US 9924862 W 19991022**; AU 1129800 A 19991022; AU 1225500 A 19991022; EP 99955121 A 19991022; EP 99971052 A 19991022; JP 2000578499 A 19991022; JP 2000578500 A 19991022; US 9924720 W 19991022