

Title (en)

Electrolytic cell for producing an alkali metal

Title (de)

Elektrolysezelle zur Herstellung eines Alkalimetalls

Title (fr)

Cellule d'électrolyse pour la production d'un métal alcalin

Publication

EP 1059366 A3 20001220 (DE)

Application

EP 00111875 A 20000609

Priority

DE 19926724 A 19990611

Abstract (en)

[origin: EP1059366A2] Electrolysis cell comprises a moving alkali metal amalgam-containing anode, an alkali metal ion-conducting solid electrolyte, and a cathode. The solid electrolyte and the cathode are separated from each other by a liquid electrolyte.

IPC 1-7

C25C 3/02

IPC 8 full level

C25B 1/36 (2006.01); **C25C 3/02** (2006.01); **C25C 7/00** (2006.01); **C25C 7/02** (2006.01); **C25C 7/04** (2006.01); **C25D 1/14** (2006.01)

CPC (source: EP KR US)

C25C 3/02 (2013.01 - EP US); **C25D 1/14** (2013.01 - KR)

Citation (search report)

- [DA] FR 1555128 A 19690124
- [A] CHEMICAL ABSTRACTS, vol. 124, no. 6, 5 February 1996, Columbus, Ohio, US; abstract no. 69647, BORGSTEDT, H. U. ET AL: "Electrochemical studies in the Na-Hg system" XP002150762 & LIQ. MET. SYST., [PROC. INT. SEMIN.], 2ND (1995), MEETING DATE 1993, 363-8. EDITOR(S): BORGSTEDT, HANS ULRICH. PUBLISHER: PLENUM, NEW YORK, N. Y., 1995

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DE10360758A1; CH716315A1; EP1490535A4; US7108777B2; WO2020249674A1

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)

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DOCDB simple family (application)

EP 00111875 A 20000609; AT 00111875 T 20000609; CN 00122264 A 20000611; DE 19926724 A 19990611; DE 50005958 T 20000609; ES 00111875 T 20000609; JP 2000172849 A 20000609; KR 20000031936 A 20000610; RU 2000114487 A 20000608; TW 89111060 A 20000607; US 58916300 A 20000608