

Title (en)

Process and cell for the electrochemical production of alkali metals from alkali metal amalgams

Title (de)

Verfahren und Zelle zur elektrochemischen Herstellung von Alkalimetall aus Alkalimetallamalgam

Title (fr)

Procédé et cellule pour la production électrochimique de métaux alcalins à partir d'amalgames de métaux alcalins

Publication

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Application

EP 99124037 A 19991209

Priority

DE 19859563 A 19981222

Abstract (en)

[origin: US6409908B1] In a process for producing an alkali metal from alkali metal amalgam by electrolysis using an alkali metal amalgam as anode, a solid electrolyte which conducts alkali metal ions and a liquid alkali metal as cathode, the alkali metal amalgam as anode is kept in motion.

IPC 8 full level

C22B 26/00 (2006.01); **C25C 3/02** (2006.01); **C25C 1/20** (2006.01)

CPC (source: EP KR US)

C25C 3/02 (2013.01 - EP KR US); **C25C 7/00** (2013.01 - KR)

Cited by

EP1672098A2; KR101253787B1; KR101274851B1; US7981260B2; US10399166B2; US8114258B2; WO2006029792A3; WO2006029807A3; EP1927639A1; US8133378B2; US8551319B2

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US 6409908 B1 20020625; AT E338151 T1 20060915; CN 1195899 C 20050406; CN 1261631 A 20000802; DE 19859563 A1 20000629; DE 19859563 B4 20080124; DE 59913824 D1 20061012; EP 1114883 A1 20010711; EP 1114883 B1 20060830; ES 2272035 T3 20070416; JP 2000219989 A 20000808; JP 2011058096 A 20110324; JP 5469042 B2 20140409; KR 100717673 B1 20070514; KR 100719413 B1 20070518; KR 20000052533 A 20000825; KR 20070013357 A 20070130; RU 2250933 C2 20050427; TW 498113 B 20020811

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US 45972699 A 19991213; AT 99124037 T 19991209; CN 99126497 A 19991222; DE 19859563 A 19981222; DE 59913824 T 19991209; EP 99124037 A 19991209; ES 99124037 T 19991209; JP 2010264573 A 20101129; JP 37660199 A 19991215; KR 19990059560 A 19991221; KR 20070004132 A 20070115; RU 99127308 A 19991221; TW 88121565 A 19991209