

Title (en)

ELECTROLYTIC METHOD FOR THE PRODUCTION OF SODIUM AND ALUMINIUM CHLORIDE

Title (de)

VERFAHREN ZUR ELEKTROCHEMISCHEN HERSTELLUNG VON NATRIUM UND ALUMINIUMCHLORID

Title (fr)

PROCEDE DE PRODUCTION ELECTROCHIMIQUE DE SODIUM ET DE CHLORURE D'ALUMINIUM

Publication

EP 0848764 B1 19990414 (DE)

Application

EP 96930164 A 19960904

Priority

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- EP 9603892 W 19960904

Abstract (en)

[origin: DE19533214A1] Proposed is an electrolytic method for the production of sodium and aluminium chloride in an electrolytic cell with an aluminium anode and a sodium cathode separated from each other by a sodium-ion-conducting solid electrolyte. In the anode region, molten electrolyte containing essentially sodium tetrachloroaluminate is electrolysed, the aluminium chloride produced being evaporated out of the cell and the sodium produced being tapped off from the cathode region.

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C25C 3/02

IPC 8 full level

C25C 3/02 (2006.01)

CPC (source: EP KR US)

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DE 19533214 A1 19970313; CA 2228561 A1 19970313; CA 2228561 C 20070612; CN 1066209 C 20010523; CN 1196098 A 19981014; DE 59601679 D1 19990520; EP 0848764 A1 19980624; EP 0848764 B1 19990414; ES 2129988 T3 19990616; JP 3892041 B2 20070314; JP H11512149 A 19991019; KR 100463017 B1 20050228; KR 19990044498 A 19990625; US 6235183 B1 20010522; US 6402910 B1 20020611; WO 9709467 A1 19970313; ZA 967536 B 19980306

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