

Title (en)
ELECTROLYSIS APPARATUS WITH HORIZONTALLY POSITIONED ELECTRODES

Publication
EP 0182114 B1 19880803 (DE)

Application
EP 85113299 A 19851019

Priority
DE 3439265 A 19841026

Abstract (en)
[origin: US4639303A] In this electrolysis apparatus for the preparation of chlorine from aqueous alkali halide solutions, which comprises at least one electrolytic cell, the anode and gas diffusion cathode are disposed horizontally and separated from each other by a partition in a housing consisting of two half shells and are connected mechanically and in an electrically conducting manner by means of their edges to the respective half shells. In addition, the cathode is connected in a liquid-tight manner to its half shell and is supported by a current supply and distribution device. The partition is clamped between a circumferential seal between the edges of the half shell and a frame and is supported on a spacer which rests on the cathode and is held by the frame. The frame contains an inlet and outlet for the catholyte.

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C25B 9/00

IPC 8 full level
C25B 9/19 (2021.01)

CPC (source: EP US)
C25B 9/19 (2021.01 - EP US); **C25B 9/65** (2021.01 - EP US); **C25B 9/70** (2021.01 - EP US)

Cited by
DE10108452C2; EP0611835A3; DE10143410A1; EP0568784A1; US5384208A; WO9720966A1; WO2012119942A3

Designated contracting state (EPC)
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DOCDB simple family (publication)
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EP 85113299 A 19851019; AT 85113299 T 19851019; CA 493915 A 19851025; DE 3439265 A 19841026; DE 3564136 T 19851019; NO 854272 A 19851025; US 79082585 A 19851024