

Title (en)

ELECTROLYTIC APPARATUS FOR THE PRODUCTION OF CHLORINE FROM AQUEOUS ALKALI HALOGENIDE SOLUTIONS

Publication

**EP 0022445 B1 19830928 (DE)**

Application

**EP 80101139 A 19800306**

Priority

DE 2909640 A 19790312

Abstract (en)

[origin: US4420387A] The electrolysis apparatus for the manufacture of chlorine from aqueous alkali metal halide solutions has at least one electrolysis cell the electrodes of which, separated by a separating wall, are arranged in a housing of two hemispherical shells. The housing is furthermore provided with equipment for the feed of the starting materials for electrolysis, and equipment for the discharge of the electrolysis products. The separating wall is clamped by means of sealing elements between the rims of the hemispherical shells and positioned between power transmission elements of non-conductive material. The electrodes are fastened via spacers to the inner walls of the shells and connected mechanically and electrically with the shells via the rims thereof.

IPC 1-7

**C25B 1/46**; **C25B 9/00**; **C25B 11/00**

IPC 8 full level

**C25B 1/46** (2006.01); **C25B 9/19** (2021.01); **C25B 11/00** (2006.01)

CPC (source: EP US)

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Cited by

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**US 4420387 A 19831213**; AR 220821 A1 19801128; AT E4820 T1 19831015; AU 532940 B2 19831020; AU 5631880 A 19800918; BR 8001430 A 19801111; CA 1146910 A 19830524; DE 2909640 A1 19800925; DE 3065000 D1 19831103; EP 0022445 A1 19810121; EP 0022445 B1 19830928; ES 489266 A1 19800816; FI 67575 B 19841231; FI 67575 C 19850410; FI 800730 A 19800913; IN 152756 B 19840331; JP S55125285 A 19800926; JP S6246638 B2 19871002; MX 147698 A 19830105; NO 153613 B 19860113; NO 153613 C 19860423; NO 800690 L 19800915; ZA 801406 B 19810429

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