

Title (en)
PROCESS FOR THE ELECTROLYSIS OF AQUEOUS ALKALI METAL HALIDE SOLUTIONS

Publication
EP 0008470 B1 19820505 (DE)

Application
EP 79200382 A 19790820

Priority
DE 2837313 A 19780826

Abstract (en)
[origin: ES483640A1] An improvement in a process of electrolyzing an aqueous solution of an alkali metal halide in a membrane cell in which a pH above 1.0 is maintained in the anode chamber, the alkali metal halide solution is removed from the anode chamber and its concentration and pH are increased is described. The improvement resides in thereafter decreasing the pH of at least a portion of the resultant solution to below 1.0 and thereafter adjusting the pH to 1.0 to 6.0 and returning the so adjusted solution to the anode chamber.

IPC 1-7
C25B 1/46; **C25B 15/08**

IPC 8 full level
C25B 1/46 (2006.01); **C25B 15/08** (2006.01)

CPC (source: EP US)
C25B 1/46 (2013.01 - EP US); **C25B 15/08** (2013.01 - EP US)

Cited by
EP0098500A1; EP0081092A1; EP0093319A3; EP0601604A1; US5466347A

Designated contracting state (EPC)
AT BE CH DE FR GB IT LU NL SE

DOCDB simple family (publication)
EP 0008470 A1 19800305; **EP 0008470 B1 19820505**; AT E978 T1 19820515; BR 7905453 A 19800520; CA 1158196 A 19831206; DE 2837313 A1 19800313; DE 2962706 D1 19820624; ES 483640 A1 19800416; FI 63260 B 19830131; FI 63260 C 19830510; FI 792470 A 19800227; JP S5531199 A 19800305; JP S636635 B2 19880210; MX 152740 A 19851101; NO 151973 B 19850401; NO 151973 C 19850731; NO 792723 L 19800227; US 4247375 A 19810127; ZA 793571 B 19800730

DOCDB simple family (application)
EP 79200382 A 19790820; AT 79200382 T 19790820; BR 7905453 A 19790824; CA 334282 A 19790822; DE 2837313 A 19780826; DE 2962706 T 19790820; ES 483640 A 19790825; FI 792470 A 19790808; JP 10899579 A 19790827; MX 17875679 A 19790802; NO 792723 A 19790822; US 6227079 A 19790730; ZA 793571 A 19790716