

Title (en)

PROCESS FOR ELECTROLYSING AN AQUEOUS ALKALI-METAL HALOGENIDE SOLUTION IN A MERCURY-CATHODE CELL

Publication

EP 0034855 B1 19840815 (FR)

Application

EP 81200164 A 19810212

Priority

FR 8003770 A 19800220

Abstract (en)

[origin: EP0034855A1] 1. Process for the electrolysis of an aqueous alkali metal halide solution in an electrolysis cell of which the cathode is a sheet of mercury (11) flowing on an inclined baseplate (5) of the cell, in which the baseplate is caused to vibrate, characterized in that distinct zones (27, 28, 29, 30, ... 31, 32, 33) of the baseplate (5) are caused to vibrate separately and successively from the downstream end to the upstream end of the sheet of mercury (11), and the vibrations applied to each of the said distinct zones are controlled.

IPC 1-7

C25B 1/40

IPC 8 full level

C25B 1/36 (2021.01); **C25B 1/40** (2006.01)

CPC (source: EP)

C25B 1/36 (2013.01)

Citation (examination)

- FR 1111392 A 19560227 - SOLVAY
- FR 2215388 A1 19740823 - BAYER AG [DE]
- BE 800615 A 19731001 - SOLVAY

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0034855 A1 19810902; EP 0034855 B1 19840815; AT E9007 T1 19840915; BR 8100834 A 19810825; DE 3165477 D1 19840920; ES 499581 A0 19811201; ES 8201228 A1 19811201; FR 2476147 A1 19810821; FR 2476147 B1 19840210

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EP 81200164 A 19810212; AT 81200164 T 19810212; BR 8100834 A 19810211; DE 3165477 T 19810212; ES 499581 A 19810219; FR 8003770 A 19800220