

Title (en)

PROCESS FOR THE ELECTROLYSIS OF ALKALI CHLORIDES

Publication

**EP 0010284 A3 19800514**

Application

**EP 79103962 A 19791015**

Priority

DE 2845943 A 19781021

Abstract (en)

[origin: US4236980A] For the electrolysis of an aqueous alkali metal chloride solution in a membrane cell with a perfluorinated cation exchange membrane it is important that there is only a minimum amount of cations of polyvalent metals, such as calcium. Otherwise, deposits within the membrane will occur, among other effects. It has been found that the disturbances caused by the above-mentioned cations can be considerably reduced, if an aliphatic polybasic phosphonic acid or the alkali metal salt thereof is added to the alkali metal chloride solution.

IPC 1-7

**C25B 1/46**

IPC 8 full level

**C25B 1/46** (2006.01)

CPC (source: EP US)

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Citation (search report)

- [X] US 3954581 A 19760504 - CARLIN WILLIAM W
- US 3988223 A 19761026 - HIROZAWA STANLEY T

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