

Title (en)

Device for carrying out an electrolytic process.

Title (de)

Vorrichtung zur Ausführung eines elektrolytischen Verfahrens.

Title (fr)

Dispositif pour effectuer un procédé électrolytique.

Publication

**EP 0427340 A1 19910515 (EN)**

Application

**EP 90202926 A 19901105**

Priority

NL 8902713 A 19891103

Abstract (en)

A device for electrolysing a chloride, in which several electrolytic cells consisting of electrodes (3, 4) and a diaphragm (22) are electrically connected in series, whereby each cell is provided with a supply line and a discharge line for electrolyte, and a discharge line for the gas developed, said cells being surrounded by an encasing having two plates (1, 2) on end, and whereby a fluid jacket (7a, 7b, 7c), provided with a supply line (14) and a discharge line (15) for fluid, is disposed between the encasing and the outside of the cell frames, said fluid being a liquid and said de-aeration tubes (8) for separating and discharging chlorine gas and hydrogen being disposed in said fluid jacket, said electrodes being combined to form bi-polar electrodes (6).

IPC 1-7

**C25B 9/00**

IPC 8 full level

**C25B 9/00** (2006.01); **C25B 9/20** (2006.01)

CPC (source: EP)

**C25B 9/73** (2021.01)

Citation (search report)

- [AD] DE 396221 C 19240602 - BODO HAAK DR
- [A] PATENT ABSTRACTS OF JAPAN, vol. 3, no. 27 (C-39), 7th March 1979; & JP-A-54 2978 (ASAHI GLASS K.K.) 10-01-1979

Cited by

US8057646B2; NL1005081C2; US7824527B2; US6338786B1; WO9832900A1; WO0106038A1; WO2006060912A1; US11018345B2; WO2016159763A1; US11005117B2; US11682783B2

Designated contracting state (EPC)

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