

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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