

Title (en)

Electrolyzer comprising at least two elementary cells, electrically connected in series along a common vertical partition wall.

Title (de)

Elektrolyseur mit mindestens zwei, längs einer gemeinsamen Trennwand elektrisch seriengeschalteten Elementarzellen.

Title (fr)

Electrolyseur comprenant au moins deux cellules d'électrolyse élémentaires couplées en série électrique le long d'une paroi verticale commune.

Publication

EP 0466266 B1 19951011 (FR)

Application

EP 91201753 A 19910705

Priority

BE 9000714 A 19900712

Abstract (en)

[origin: US5141619A] Electrolyzer comprising at least two elementary electrolysis cells (1), coupled in electrical series along a common vertical wall (6) which comprises two vertical metal plates (10, 11), arranged on either side of a peripheral frame (12) so as to define a vertical chamber (16). One of the plates (10) carries an anode (13) of one of the cells and the other plate (11) carries a cathode (14) of the other cell. The chamber (16) contains a metal mass whose melting temperature is lower than the temperature prevailing in the said chamber when the electrolyzer is in operation. The electrolyzer is suitable for the electrolytic production of sodium chlorate.

IPC 1-7

C25B 9/04; **C25B 9/00**

IPC 8 full level

C25B 9/17 (2021.01)

CPC (source: EP US)

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Cited by

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Designated contracting state (EPC)

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EP 0466266 A1 19920115; **EP 0466266 B1 19951011**; AT E129026 T1 19951015; AU 634666 B2 19930225; AU 8034891 A 19920116; BE 1004490 A3 19921201; BR 9102938 A 19920211; CA 2046758 A1 19920113; CS 217391 A3 19920219; DE 69113693 D1 19951116; ES 2080238 T3 19960201; FI 913392 A0 19910712; FI 913392 A 19920113; NO 304032 B1 19981012; NO 912725 D0 19910711; NO 912725 L 19920113; NZ 238898 A 19920526; PT 98243 A 19930930; PT 98243 B 19990129; US 5141619 A 19920825; ZA 915244 B 19921125

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