

Title (en)

Narrow gap reticulate electrode electrolysis cell.

Title (de)

Netzförmige Elektrode aufweisende Elektrolysezelle mit engem Spalt zwischen den Elektroden.

Title (fr)

Cellule d'électrolyse comportant des électrodes réticulées à intervalles étroits entre ces dernières.

Publication

EP 0097120 A1 19831228 (EN)

Application

EP 83810245 A 19830607

Priority

US 38693482 A 19820610

Abstract (en)

A reticulate primary electrode, usually cathode (36), and method for making for use in an electrochemical cell (10). The cathode (36) is openly porous, in substantial physical contact with a separator (16) used in the cell (10) for separating anode (22) and cathode compartment (24) within the cell (10), and intermetallically bound to a cathodic current collector (38) used within the cell (10).

IPC 1-7

C25B 11/02; **C25B 9/00**; **C25B 1/46**; **C25D 17/10**; **C25C 7/02**

IPC 8 full level

C25B 1/46 (2006.01); **C25B 9/00** (2006.01); **C25B 9/08** (2006.01); **C25B 9/19** (2021.01); **C25B 11/00** (2006.01)

CPC (source: EP)

C25B 1/46 (2013.01); **C25B 9/19** (2021.01); **C25B 11/00** (2013.01)

Citation (search report)

- EP 0050951 A1 19820505 - OLIN CORP [US]
- US 4331517 A 19820525 - RECHLICZ THOMAS A
- US 3674675 A 19720704 - LEAMAN FRANK H

Cited by

CN106977021A; EP0210769A1; EP0150017A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0097120 A1 19831228; AU 1549183 A 19831215; BR 8303079 A 19840131; CA 1262534 A 19891031; DD 209854 A5 19840523; DK 264583 A 19831211; DK 264583 D0 19830609; ES 523138 A0 19840616; ES 530131 A0 19841101; ES 530132 A0 19841101; ES 8405853 A1 19840616; ES 8501007 A1 19841101; ES 8501008 A1 19841101; FI 832063 A0 19830608; FI 832063 L 19831211; IL 68874 A0 19831031; JP S5947389 A 19840317; MX 153538 A 19861111; NO 832090 L 19831212; PT 76824 A 19830701; PT 76824 B 19860319; ZA 834231 B 19840725

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