

Title (en)

ELECTRODE FOR THE ELETROLYTIC PRODUCTION OF GAS, AND ELECTROLYSIS CELL WITH A SELECTIVE PERMEABLE MEMBRANE

Publication

EP 0088461 B1 19860625 (FR)

Application

EP 83200233 A 19830215

Priority

FR 8203374 A 19820226

Abstract (en)

[origin: EP0088461A1] 1. Electrode, for the production of gas by electrolysis, comprising a vertical plate (10, 10') pierced with openings which connect one face of the plate, comprising at least two electrolysis zones (33, 34; 33', 34') which are separated by an inactive zone (35, 35'), to the other face, where ducts for introducing (17, 17') and removing (15, 15') the gas and the electrolyte are arranged, which electrode is characterised in that the ducts (17, 15; 17', 15') are arranged along the plate (10, 10'), parallel to the latter, and the openings are distributed over the plate (10, 10') so that each of the electrolysis zones (33, 34; 33', 34') is free of any opening, between the lower opening (13, 13') which opens out into a duct (17, 17') for introducing the electrolyte and an upper opening (14, 14') connected to a duct for the removal of the gas and the electrolyte and, furthermore, so that the inactive zone is located between the lower opening (13, 13') in the upper electrolysis zone (34, 34') and the upper opening (14, 14') in the lower electrolysis zone (33, 33').

IPC 1-7

C25B 11/03; **C25B 9/00**

IPC 8 full level

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CPC (source: EP)

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