

Title (en)

PROCESS FOR CARRYING OUT HCL MEMBRANE ELECTROLYSIS

Publication

EP 0234256 B1 19900328 (DE)

Application

EP 87100678 A 19870120

Priority

DE 3602683 A 19860130

Abstract (en)

[origin: US4725341A] A process for conducting HCl membrane electrolysis to produce H₂ and Cl₂ from an electrolyte cell comprising a cathode compartment and an anode compartment separated by a membrane comprising feeding a first stream of hydrochloric acid into an inlet of the cathode compartment, withdrawing a second stream of hydrochloric acid from an outlet of the cathode compartment withdrawing a third stream of hydrochloric acid from an outlet of the anode compartment, feeding a fourth stream of hydrochloric acid into an inlet of the anode compartment, and feeding at least a portion of the second stream into the inlet of the anode compartment.

IPC 1-7

C25B 1/26

IPC 8 full level

C25B 1/02 (2006.01); **C25B 1/26** (2006.01); **C25B 15/08** (2006.01)

CPC (source: EP US)

C25B 1/26 (2013.01 - EP US)

Cited by

DE102013105177A1

Designated contracting state (EPC)

BE DE FR GB IT NL

DOCDB simple family (publication)

EP 0234256 A1 19870902; **EP 0234256 B1 19900328**; DE 3602683 A1 19870806; DE 3762054 D1 19900503; JP S62182292 A 19870810; US 4725341 A 19880216

DOCDB simple family (application)

EP 87100678 A 19870120; DE 3602683 A 19860130; DE 3762054 T 19870120; JP 1531787 A 19870127; US 284387 A 19870113