

Title (en)

Method for assembling membrane electrolytic cells.

Title (de)

Methode zur Montage von Membran-elektrolytischen Zellen.

Title (fr)

Méthode d'assemblage de cellules électrolytiques à membrane.

Publication

EP 0058238 A1 19820825 (EN)

Application

EP 81108943 A 19811026

Priority

US 23023081 A 19810202

Abstract (en)

A method of assembling an electrolytic membrane cell is disclosed. The method includes the steps of conditioning the membranes with a conditioning fluid, assembling a vertical stack of horizontal electrode frames with a horizontal membrane sheet between each pair of frames, applying pressure to vertically compress the vertical stack, rotating the compressed vertical stack from a vertical orientation through approximately 90 DEG in which orientation of the stack is called a "pack", connecting the pack into an electrical circuit and to raw material supply lines and product withdrawal lines and then electrically operating the pack while maintaining the pack in a horizontal orientation.

IPC 1-7

C25B 9/00

IPC 8 full level

C25B 1/46 (2006.01); **C25B 9/00** (2006.01); **C25B 9/08** (2006.01); **C25B 9/18** (2006.01); **C25B 9/19** (2021.01); **C25B 9/20** (2006.01)

CPC (source: EP)

C25B 9/73 (2021.01)

Citation (search report)

- [E] EP 0038445 A1 19811028 - OLIN CORP [US]
- [A] FR 2179761 A1 19731123 - SOLVAY [BE]
- [A] GB 1348419 A 19740320 - CHEMECH ENG LTD

Cited by

EP0133792A1; US4824542A; US4541911A

Designated contracting state (EPC)

BE DE FR GB IT NL SE

DOCDB simple family (publication)

EP 0058238 A1 19820825; BR 8106573 A 19830405; CA 1161788 A 19840207; JP S57134583 A 19820819; JP S6212313 B2 19870318; MX 150769 A 19840712; ZA 815034 B 19820825

DOCDB simple family (application)

EP 81108943 A 19811026; BR 8106573 A 19811009; CA 386840 A 19810928; JP 16003881 A 19811007; MX 19119682 A 19820129; ZA 815034 A 19810722