Title (en)

Installation of ion-exchange membrane in electrolytic cell.

Title (de)

Einbau einer Ionenaustauschermembran in eine elektrolytische Zelle.

Title (fr)

Encastrement d'une membrane échangeuse d'ions dans une cellule électrolytique.

Publication

EP 0086595 A1 19830824 (EN)

Application

EP 83300526 A 19830202

Priority

GB 8204574 A 19820217

Abstract (en)

A method of installing an ion-exchange membrane in an electrolytic cell in which the membrane is expanded by stretching to increase the surface area per unit weight of the membrane and the expanded, stretched membrane is secured to the electrolytic cell or to a part thereof. The stretching is preferably effected at elevated temperature and the expansion produced by stretching may be <<locked>> into the membrane by cooling the expanded, stretched membrane to a lower temperature prior to installation of the membrane in the electrolytic cell.

IPC 1-7

C25B 13/02; C25B 13/08; C08J 5/22; B01J 47/12; B01D 13/04

IPC 8 full level

B01D 67/00 (2006.01); **B01J 47/12** (2006.01); **C08J 5/22** (2006.01); **C25B 13/00** (2006.01); **C25B 13/02** (2006.01); **C25B 13/08** (2006.01); C25B 1/46 (2006.01)

CPC (source: EP)

C25B 13/00 (2013.01)

Citation (search report)

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- US 4000057 A 19761228 - MRAZEK KENNETH S, et al
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AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0086595 A1 19830824; **EP 0086595 B1 19901031**; AT E57960 T1 19901115; AU 1134883 A 19830825; AU 551412 B2 19860501; CA 1203508 A 19860422; CS 107583 A2 19890912; CS 269953 B2 19900514; DD 206609 A5 19840201; DE 3381961 D1 19901206; ES 519874 A0 19840316; ES 8403331 A1 19840316; FI 73009 B 19870430; FI 73009 C 19870810; FI 830546 A0 19830217; FI 830546 L 19830818; GB 8302639 D0 19830302; HU 186638 B 19850828; IN 158899 B 19870214; JP S58151483 A 19830908; JP S5940913 B2 19841003; MA 19718 A1 19831001; NO 162122 B 19890731; NO 162122 C 19891108; NO 830523 L 19830818; PH 19159 A 19860116; PL 139614 B1 19870228; PL 240585 A1 19831024; SU 1510721 A3 19890923; YU 34383 A 19851231; YU 44378 B 19900630; ZA 83885 B 19831130; ZW 3983 A1 19840905

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EP 83300526 A 19830202; AT 83300526 T 19830202; AU 1134883 A 19830211; CA 421822 A 19830217; CS 107583 A 19830217; DD 24803283 A 19830217; DE 3381961 T 19830202; ES 519874 A 19830217; FI 830546 A 19830217; GB 8302639 A 19830131; HU 48583 A 19830214; IN 79DE1983 A 19830208; JP 2298283 A 19830216; MA 19936 A 19830214; NO 830523 A 19830216; PH 28518 A 19830215; PL 24058583 A 19830215; SU 3552566 A 19830216; YU 34383 A 19830215; ZA 83885 A 19830209; ZW 3983 A 19830207