

Title (en)

Structural frame for an electrochemical cell.

Title (de)

Baurahmen für eine elektrochemische Zelle.

Title (fr)

Cadre de construction pour une cellule électrochimique.

Publication

**EP 0282614 A1 19880921 (EN)**

Application

**EP 87103843 A 19870317**

Priority

EP 87103843 A 19870317

Abstract (en)

The present invention is a structural frame particularly suitable for use in an electrochemical cell. The frame comprises a planar member (12) made of a polymeric material with a plurality of horizontally and vertically spaced-apart shoulders (14) protruding outwardly from opposing generally coplanar surfaces of the planar member. Each of the shoulders annularly encircles and supports an electrically conductive insert (26) extending from an exterior face of a shoulder (14) on one surface of the planar member, through the planar member (12), to an exterior face of a shoulder (14) on the opposite surface of the planar member. An electrically conductive, substantially completely hydraulically impermeable liner (22), (24) resistant to the corrosive effects of an electrolyte in said cell matingly contacted with at least one of said surfaces or opposing surfaces of said planar member and adapted to minimize contact between the electrolyte in said cell in said planar member.

IPC 1-7

**C25B 9/00**

IPC 8 full level

**C25B 9/04** (2006.01); **C25B 9/20** (2006.01)

CPC (source: EP)

**C25B 9/65** (2021.01); **C25B 9/77** (2021.01)

Citation (search report)

- [E] US 4666580 A 19870519 - BEAVER RICHARD N [US], et al
- [Y] DE 2600345 A1 19770721 - H T HYDROTECHNIK GMBH
- [Y] EP 0185270 A1 19860625 - DOW CHEMICAL CO [US]

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EP0400712A1; FR2647468A1

Designated contracting state (EPC)

BE DE FR GB IT NL

DOCDB simple family (publication)

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