

Title (en)  
ELECTROCHEMICAL CELL WITH IMPROVED PERIPHERAL SEALING

Title (de)  
ELEKTROCHEMISCHE ZELLE MIT VERBESSERTER PERIPHERER ABDICHTUNG

Title (fr)  
CELLULE ÉLECTROCHIMIQUE À ÉTANCHÉITÉ PÉRIPHÉRIQUE AMÉLIORÉE

Publication  
**EP 4295423 A1 20231227 (FR)**

Application  
**EP 22703417 A 20220215**

Priority  
• FR 2101483 A 20210216  
• EP 2022053599 W 20220215

Abstract (en)  
[origin: WO2022175233A1] The invention relates to an electrochemical cell having: o a membrane electrode assembly (2); o two retaining plates (10); o a single seal (20) extending around the membrane electrode assembly (2) and disposed in contact with the two retaining plates (10); o at least one intermediate leaktight sheet (30) extending around the membrane electrode assembly (2), disposed between the latter and the seal (20) and joined in a leaktight manner to the membrane (4) on the one hand and to the seal (20) on the other.

IPC 8 full level  
**H01M 8/00** (2016.01); **C25B 1/04** (2021.01); **C25B 9/60** (2021.01); **C25B 9/75** (2021.01); **C25B 9/77** (2021.01); **H01M 8/0258** (2016.01); **H01M 8/0273** (2016.01); **H01M 8/0286** (2016.01); **H01M 8/10** (2016.01)

CPC (source: EP US)  
**C25B 1/04** (2013.01 - EP); **C25B 9/60** (2021.01 - EP US); **C25B 9/75** (2021.01 - EP); **C25B 9/77** (2021.01 - EP); **H01M 8/006** (2013.01 - EP); **H01M 8/0273** (2013.01 - EP US); **H01M 8/0286** (2013.01 - EP US); **H01M 8/1018** (2013.01 - US); **H01M 8/0258** (2013.01 - EP US); **H01M 2008/1095** (2013.01 - EP US); **Y02E 60/50** (2013.01 - EP)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**FR 3119940 A1 20220819**; EP 4295423 A1 20231227; US 2024047711 A1 20240208; WO 2022175233 A1 20220825

DOCDB simple family (application)  
**FR 2101483 A 20210216**; EP 2022053599 W 20220215; EP 22703417 A 20220215; US 202218277007 A 20220215