

Title (en)  
PROTON EXCHANGE MEMBRANE

Title (de)  
PROTONENAUSTAUSCHMEMBRAN

Title (fr)  
MEMBRANE ECHANGEUSE DE PROTONS

Publication  
**EP 4348737 A1 20240410 (FR)**

Application  
**EP 22734338 A 20220531**

Priority

- FR 2105700 A 20210531
- FR 2022051032 W 20220531

Abstract (en)  
[origin: WO2022254143A1] The present invention relates to a proton exchange membrane, the method for preparing said membrane, and the use of said membrane in the fields requiring ion exchange, such as effluent purification and electrochemistry, or in the fields of energy. In particular, this membrane is used in the design of fuel cell membranes.

IPC 8 full level  
**H01M 8/0202** (2016.01); **H01M 8/0221** (2016.01); **H01M 8/0239** (2016.01)

CPC (source: EP KR)  
**C08F 8/36** (2013.01 - KR); **C08F 212/04** (2013.01 - KR); **C08F 226/00** (2013.01 - KR); **C08F 259/08** (2013.01 - KR); **C08J 3/28** (2013.01 - KR); **C08J 5/2243** (2013.01 - KR); **H01M 8/0202** (2013.01 - EP); **H01M 8/0221** (2013.01 - EP); **H01M 8/0239** (2013.01 - EP); **H01M 8/1039** (2013.01 - KR); **H01M 8/1041** (2013.01 - KR); **H01M 8/1058** (2013.01 - KR); **H01M 8/1067** (2013.01 - KR); **H01M 8/1088** (2013.01 - KR); **C08J 2351/06** (2013.01 - KR); **H01M 2008/1095** (2013.01 - KR); **Y02E 60/50** (2013.01 - EP KR)

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 3123507 A1 20221202**; CN 117480644 A 20240130; EP 4348737 A1 20240410; JP 2024520572 A 20240524; KR 20240017365 A 20240207; WO 2022254143 A1 20221208

DOCDB simple family (application)  
**FR 2105700 A 20210531**; CN 202280038725 A 20220531; EP 22734338 A 20220531; FR 2022051032 W 20220531; JP 2023573643 A 20220531; KR 20237044831 A 20220531