

Title (en)

ELECTROCHEMICAL DEVICE, FUNCTIONAL ELEMENT, AND METHOD FOR MANUFACTURING SAME

Title (de)

ELEKTROCHEMIEVORRICHTUNG, FUNKTIONELLES ELEMENT SOWIE VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)

DISPOSITIF ÉLECTROCHIMIQUE, ÉLÉMENT FONCTIONNEL ET PROCÉDÉ DE FABRICATION

Publication

EP 3612664 A1 20200226 (DE)

Application

EP 18728307 A 20180419

Priority

- DE 102017108439 A 20170420
- EP 2018060119 W 20180419

Abstract (en)

[origin: WO2018193067A1] The invention relates to an electrochemical device, in particular an electrolysis device, especially a polymer electrolyte membrane electrolysis device, comprising at least one cell unit (12) that includes at least one electrochemical cell (14). According to the invention, the electrochemical cell (14) includes at least one contact element (18) that differs from a connecting element (22, 24) for power supply (26).

IPC 8 full level

C25B 1/10 (2006.01); **C25B 9/19** (2021.01); **C25B 9/20** (2006.01); **C25B 15/02** (2006.01); **H01M 8/04537** (2016.01); **H01M 8/04664** (2016.01); **H01M 8/241** (2016.01)

CPC (source: EP)

C25B 1/04 (2013.01); **C25B 9/73** (2021.01); **C25B 9/77** (2021.01); **C25B 15/02** (2013.01); **C25B 15/06** (2013.01); **H01M 8/04552** (2013.01); **H01M 8/04582** (2013.01); **H01M 8/04641** (2013.01); **H01M 8/04671** (2013.01); **H01M 8/241** (2013.01); **Y02E 60/36** (2013.01); **Y02E 60/50** (2013.01); **Y02P 70/50** (2015.11)

Citation (search report)

See references of WO 2018193067A1

Cited by

DE102022112494A1; EP4293793A2

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

DOCDB simple family (publication)

WO 2018193067 A1 20181025; DE 102017108439 A1 20181025; EP 3612664 A1 20200226

DOCDB simple family (application)

EP 2018060119 W 20180419; DE 102017108439 A 20170420; EP 18728307 A 20180419