

Title (en)
ELECTROCHEMICAL CELL, ELECTROCHEMICAL SYSTEM, AND METHOD FOR PRODUCING AN ELECTROCHEMICAL CELL

Title (de)
ELEKTROCHEMISCHE ZELLE, ELEKTROCHEMISCHES SYSTEM UND VERFAHREN ZUR HERSTELLUNG EINER ELEKTROCHEMISCHEN ZELLE

Title (fr)
CELLULE ÉLECTROCHIMIQUE, SYSTÈME ÉLECTROCHIMIQUE ET PROCÉDÉ DE FABRICATION D'UNE CELLULE ÉLECTROCHIMIQUE

Publication
EP 4367741 A1 20240515 (DE)

Application
EP 22738607 A 20220624

Priority
• DE 102021207011 A 20210705
• EP 2022067436 W 20220624

Abstract (en)
[origin: WO2023280604A1] In order to provide an electrochemical cell (100) that can be produced as simply as possible and has as long a service life as possible, according to the invention an electrochemical cell (100), in particular a cylindrical cell, is provided, which comprises: an electrochemical element (104), a housing (106), a first cell terminal (118) and a second cell terminal (120); wherein the electrochemical cell (100) also comprises a cast element, in particular a first cast element (128), for connecting the housing (106) and the first cell terminal (118) and/or a cast element, in particular a second cast element (154), for connecting the housing (106) and the second cell terminal (120).

IPC 8 full level
H01M 50/107 (2021.01); **H01M 50/152** (2021.01); **H01M 50/183** (2021.01); **H01M 50/531** (2021.01); **H01M 50/548** (2021.01); **H01M 50/559** (2021.01)

CPC (source: EP US)
H01M 10/0431 (2013.01 - US); **H01M 10/049** (2013.01 - US); **H01M 50/107** (2021.01 - EP US); **H01M 50/152** (2021.01 - EP US); **H01M 50/183** (2021.01 - EP); **H01M 50/188** (2021.01 - US); **H01M 50/3425** (2021.01 - US); **H01M 50/531** (2021.01 - EP); **H01M 50/548** (2021.01 - EP US); **H01M 50/559** (2021.01 - EP US); **H01M 50/566** (2021.01 - US); **H01M 50/578** (2021.01 - US); **H01M 50/581** (2021.01 - US); **H01M 2200/10** (2013.01 - US); **H01M 2200/20** (2013.01 - US); **Y02E 60/10** (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)
DE 102021207011 A1 20230105; CN 117616620 A 20240227; EP 4367741 A1 20240515; US 2024128610 A1 20240418; WO 2023280604 A1 20230112

DOCDB simple family (application)
DE 102021207011 A 20210705; CN 202280047951 A 20220624; EP 2022067436 W 20220624; EP 22738607 A 20220624; US 202318391806 A 20231221