

Title (en)  
CELL CONTACT UNIT

Title (de)  
ZELLKONTAKTIERUNGSEINHEIT

Title (fr)  
UNITÉ DE MISE EN CONTACT DE CELLULES

Publication  
**EP 4360152 A1 20240501 (DE)**

Application  
**EP 22808609 A 20221012**

Priority  
• DE 102021129432 A 20211111  
• EP 2022078354 W 20221012

Abstract (en)  
[origin: WO2023083549A1] The invention relates to a cell contact unit (100) for electrically contacting electrical contact sockets (21) arranged in one or more rows and/or columns in a housing (22) of a fuel cell stack (20), wherein the cell contact unit (100) has spring contact elements (11) at corresponding positions, which extend away from the cell contact unit (100) in the plug-in direction (S), wherein on the housing (22), viewed in the plug-in direction (S) upstream of the contact sockets (21), control links (30) are provided which, when the spring contact elements (11) are plugged into the contact sockets (21), in each case cause a spring-elastic deflection of the spring contact elements (11) transversely to the plug-in direction (S), such that the spring contact elements (11) are pressed against the contact sockets (21) under spring force in the plugged-in state.

IPC 8 full level  
**H01M 8/24** (2016.01); **H01M 8/0202** (2016.01); **H01M 8/0247** (2016.01); **H01M 8/2465** (2016.01); **H01R 4/28** (2006.01); **H01R 13/05** (2006.01)

CPC (source: EP)  
**H01M 8/0202** (2013.01); **H01M 8/0247** (2013.01); **H01M 8/24** (2013.01); **H01M 8/2465** (2013.01); **H01R 13/05** (2013.01)

Citation (search report)  
See references of WO 2023083549A1

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**DE 102021129432 A1 20230511**; DE 212022000215 U1 20240229; EP 4360152 A1 20240501; WO 2023083549 A1 20230519

DOCDB simple family (application)  
**DE 102021129432 A 20211111**; DE 212022000215 U 20221012; EP 2022078354 W 20221012; EP 22808609 A 20221012