

Title (en)

CELL CONTACTING SYSTEM FOR AN ELECTROCHEMICAL DEVICE

Title (de)

ZELLKONTAKTIERUNGSSYSTEM FÜR EINE ELEKTROCHEMISCHE VORRICHTUNG

Title (fr)

SYSTÈME DE MISE EN CONTACT DE CELLULES POUR DISPOSITIF ÉLECTROCHIMIQUE

Publication

EP 3535789 A1 20190911 (DE)

Application

EP 17793962 A 20171106

Priority

- DE 102016121265 A 20161107
- EP 2017078345 W 20171106

Abstract (en)

[origin: WO2018083303A1] To create a cell contacting system for an electrochemical device comprising a plurality of cell groups, which each comprise one or more electrochemical cells, wherein each electrochemical cell has a first cell terminal and a second cell terminal, wherein the electrochemical cells follow each other along a longitudinal direction, the first cell terminals follow each other along the longitudinal direction in a first cell terminal region of the electrochemical device and the second cell terminals follow each other along the longitudinal direction in a second cell terminal region of the electrochemical device, wherein the cell contacting system comprises at least one cell connector for the electrically conductive connection of cell terminals of a first cell group to cell terminals of a second cell group, which system also reliably permits a relative movement between the cell terminals to be electrically connected to each other even if the distances to the subsequent cell terminals are small, according to the invention at least one cell connector extends obliquely with respect to the longitudinal direction of cell terminals of the first cell group in the first cell terminal region to cell terminals of the second cell group in the second cell terminal region.

IPC 8 full level

H01M 50/528 (2021.01); **H01M 10/052** (2010.01); **H01M 50/209** (2021.01); **H01M 50/503** (2021.01); **H01M 50/51** (2021.01); **H01M 50/522** (2021.01); **H01M 50/55** (2021.01); **H01M 50/553** (2021.01)

CPC (source: EP US)

H01M 50/20 (2021.01 - US); **H01M 50/209** (2021.01 - EP US); **H01M 50/249** (2021.01 - EP); **H01M 50/30** (2021.01 - EP US); **H01M 50/502** (2021.01 - US); **H01M 50/503** (2021.01 - EP US); **H01M 50/509** (2021.01 - EP); **H01M 50/51** (2021.01 - EP US); **H01M 50/522** (2021.01 - EP US); **H01M 50/543** (2021.01 - US); **H01M 50/55** (2021.01 - EP US); **H01M 50/553** (2021.01 - EP US); **H01M 2220/20** (2013.01 - EP US); **Y02E 60/10** (2013.01 - EP)

Citation (search report)

See references of WO 2018083303A1

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)

DE 202017006171 U1 20180223; CN 109997245 A 20190709; CN 109997245 B 20230131; DE 102016121265 A1 20180509; EP 3535789 A1 20190911; US 11588197 B2 20230221; US 2019259996 A1 20190822; US 2023207950 A1 20230629; WO 2018083303 A1 20180511

DOCDB simple family (application)

DE 202017006171 U 20171106; CN 201780067334 A 20171106; DE 102016121265 A 20161107; EP 17793962 A 20171106; EP 2017078345 W 20171106; US 201916404410 A 20190506; US 202318153821 A 20230112