

Title (en)

DEVICE AND METHOD FOR TRANSPORTING GALVANIC CELLS

Title (de)

VORRICHTUNG UND VERFAHREN ZUM TRANSPORT VON GALVANISCHEN ZELLEN

Title (fr)

DISPOSITIF ET PROCÉDÉ SERVANT AU TRANSPORT DE CELLULES GALVANIQUES

Publication

**EP 3175504 A1 20170607 (DE)**

Application

**EP 15739562 A 20150716**

Priority

- DE 102014110654 A 20140729
- EP 2015066258 W 20150716

Abstract (en)

[origin: WO2016016008A1] The invention relates to a device for transporting used, damaged, or defective galvanic cells while impeding and combating safety-critical states of the galvanic cells, in particular lithium-ion-based cells and/or lithium-ion polymer cells, comprising an outer container, which defines a space, an inner container being arranged in the space, characterized in that the inner container has spacers in order to maintain a distance from the bottom and inner faces of the outer container, an accommodating container for accommodating at least one galvanic cell being arranged in the inner container, free intermediate spaces being filled with a fire protection agent composed merely of inert, non-conductive, non-flammable, absorbent hollow glass granular material.

IPC 8 full level

**H01M 10/00** (2006.01); **A62C 3/00** (2006.01); **B65D 21/02** (2006.01); **B65D 25/10** (2006.01); **B65D 30/00** (2006.01); **B65D 77/04** (2006.01); **B65D 81/02** (2006.01); **B65D 81/05** (2006.01); **B65D 81/09** (2006.01); **B65D 81/18** (2006.01); **B65D 81/38** (2006.01); **B65D 85/84** (2006.01); **B65D 88/22** (2006.01); **C03C 11/00** (2006.01); **H01M 6/00** (2006.01); **H01M 6/52** (2006.01); **H01M 8/00** (2016.01); **H01M 10/0525** (2010.01); **H01M 10/54** (2006.01); **H01M 50/204** (2021.01); **H01M 50/271** (2021.01)

CPC (source: CN EP KR US)

**A62C 3/06** (2013.01 - CN EP KR US); **A62C 3/16** (2013.01 - CN EP KR US); **C03C 11/002** (2013.01 - EP KR US); **H01M 6/00** (2013.01 - CN EP KR US); **H01M 6/52** (2013.01 - CN EP KR US); **H01M 8/00** (2013.01 - CN EP KR US); **H01M 8/008** (2013.01 - CN EP KR US); **H01M 10/00** (2013.01 - CN EP KR US); **H01M 10/0525** (2013.01 - CN EP KR US); **H01M 10/54** (2013.01 - CN EP KR US); **H01M 50/20** (2021.01 - KR); **H01M 50/24** (2021.01 - CN EP KR US); **H01M 50/256** (2021.01 - CN EP KR US); **H01M 50/204** (2021.01 - CN EP US); **H01M 50/271** (2021.01 - CN EP US); **Y02E 60/10** (2013.01 - EP KR); **Y02W 30/84** (2015.05 - EP KR US)

Citation (search report)

See references of WO 2016016008A1

Citation (examination)

WO 2014082954 A1 20140605 - VOLKSWAGEN AG [DE], et al

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 102014110654 A1 20160204**; CN 106537640 A 20170322; EP 3175504 A1 20170607; JP 2017523576 A 20170817; KR 20170039144 A 20170410; US 2017155103 A1 20170601; WO 2016016008 A1 20160204

DOCDB simple family (application)

**DE 102014110654 A 20140729**; CN 201580039754 A 20150716; EP 15739562 A 20150716; EP 2015066258 W 20150716; JP 2017504361 A 20150716; KR 20177002025 A 20150716; US 201515327184 A 20150716