

Title (en)

COMPARTMENT FOR AN APPARATUS LIKELY TO EMIT HEAT

Title (de)

FACH FÜR EINE VORRICHTUNG MIT NEIGUNG ZU WÄRMEEMISSION

Title (fr)

COMPARTIMENT POUR UN EQUIPEMENT SUSCEPTIBLE DE DEGAGER DE LA CHALEUR

Publication

EP 4073864 A1 20221019 (FR)

Application

EP 20823908 A 20201118

Priority

- FR 1914282 A 20191212
- FR 2020052120 W 20201118

Abstract (en)

[origin: WO2021116551A1] The invention relates to a compartment (80) for an apparatus likely to emit heat during its operation, in particular for an electrical energy storage device (9) for a motor vehicle, this compartment comprising at least one cooling plate (20) arranged to have a cooling fluid flowing through it and arranged to cool said apparatus, this compartment also comprising an upper housing (81) arranged to receive said electrical equipment, and a lower housing (82) in which at least one fluid connection element (83) for supplying fluid to the cooling plate is placed, the lower and upper housings being insulated from one another in a fluid-tight manner.

IPC 8 full level

H01M 10/0525 (2010.01); **H01M 10/613** (2014.01); **H01M 10/625** (2014.01); **H01M 10/6556** (2014.01); **H01M 10/6567** (2014.01); **H01M 50/20** (2021.01)

CPC (source: EP US)

H01M 10/0525 (2013.01 - EP); **H01M 10/613** (2015.04 - EP US); **H01M 10/625** (2015.04 - EP US); **H01M 10/6554** (2015.04 - US); **H01M 10/6556** (2015.04 - EP US); **H01M 10/6567** (2015.04 - EP); **H01M 50/20** (2021.01 - EP); **H01M 50/204** (2021.01 - US); **H01M 2200/00** (2013.01 - EP); **H01M 2220/20** (2013.01 - EP US); **Y02E 60/10** (2013.01 - EP)

Citation (search report)

See references of WO 2021116551A1

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 2021116551 A1 20210617; CN 115152067 A 20221004; EP 4073864 A1 20221019; FR 3104830 A1 20210618; FR 3104830 B1 20220520; US 2023006277 A1 20230105

DOCDB simple family (application)

FR 2020052120 W 20201118; CN 202080084849 A 20201118; EP 20823908 A 20201118; FR 1914282 A 20191212; US 202017783758 A 20201118