

Title (en)

COOLING DEVICE FOR A RECHARGEABLE BATTERY

Title (de)

KÜHLVORRICHTUNG FÜR EINE WIEDERAUFLADBARE BATTERIE

Title (fr)

DISPOSITIF DE REFROIDISSEMENT POUR UNE BATTERIE RECHARGEABLE

Publication

EP 4222804 A1 20230809 (DE)

Application

EP 21783001 A 20210929

Priority

- DE 102020125451 A 20200929
- EP 2021076781 W 20210929

Abstract (en)

[origin: WO2022069537A1] The invention relates to a device (2) for cooling or controlling the temperature of at least one storage module (3) of a rechargeable battery (1). Said device (2) includes a plurality of coolant channels (6) through which a coolant flows in the same direction, and at least one of the coolant channels (6) has a cross-section constricting element (18) having a flow cross-section for the coolant.

IPC 8 full level

H01M 10/613 (2014.01); **H01M 10/617** (2014.01); **H01M 10/625** (2014.01); **H01M 10/6556** (2014.01)

CPC (source: EP US)

H01M 10/613 (2015.04 - EP US); **H01M 10/617** (2015.04 - EP); **H01M 10/625** (2015.04 - EP US); **H01M 10/6556** (2015.04 - EP); **H01M 10/6567** (2015.04 - US); **Y02E 60/10** (2013.01 - EP)

Citation (search report)

See references of WO 2022069537A1

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 102020125451 A1 20220331; EP 4222804 A1 20230809; US 2023335832 A1 20231019; WO 2022069537 A1 20220407

DOCDB simple family (application)

DE 102020125451 A 20200929; EP 2021076781 W 20210929; EP 21783001 A 20210929; US 202118028868 A 20210929