

Title (en)
DEVICE FOR COOLING TWO ELECTROCHEMICAL CELLS, CORRESPONDING ELECTROCHEMICAL ASSEMBLY AND METHOD

Title (de)
VORRICHTUNG ZUR KÜHLUNG ZWEIER ELEKTROCHEMISCHER ZELLEN, ENTSPRECHENDE ELEKTROCHEMISCHE ANORDNUNG UND VERFAHREN

Title (fr)
DISPOSITIF DE REFROIDISSEMENT DE DEUX CELLULES ÉLECTROCHIMIQUES, ENSEMBLE ÉLECTROCHIMIQUE ET PROCÉDÉ CORRESPONDANTS

Publication
EP 4193417 A1 20230614 (FR)

Application
EP 21761993 A 20210805

Priority
• FR 2008321 A 20200806
• EP 2021071860 W 20210805

Abstract (en)
[origin: WO2022029222A1] Said device (8) for cooling two adjacent electrochemical cells (4, 6), characterised in that the cooling device comprises a cooling body (40) provided with a first body face suitable for being in contact with a first electrochemical cell and a second body face suitable for being in contact with a second electrochemical cell, and with a cooling channel suitable for containing a cooling liquid. The cooling channel has first open channel sections which are suitable for being closed by a wall of the first electrochemical cell and the cooling channel comprises second open channel sections which are suitable for being closed by a wall of the second electrochemical cell.

IPC 8 full level
H01M 10/6557 (2014.01); **H01M 10/613** (2014.01); **H01M 10/647** (2014.01); **H01M 10/6555** (2014.01); **H01M 10/6569** (2014.01); **H01M 50/209** (2021.01)

CPC (source: EP KR US)
H01M 10/613 (2015.04 - EP KR US); **H01M 10/647** (2015.04 - EP KR); **H01M 10/6555** (2015.04 - EP KR); **H01M 10/6557** (2015.04 - EP KR); **H01M 10/6568** (2015.04 - US); **H01M 10/6569** (2015.04 - EP KR); **H01M 50/209** (2021.01 - EP KR); **Y02E 60/10** (2013.01 - EP); **Y02E 60/50** (2013.01 - EP)

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 2021071860 W 20210805; CN 202180056693 A 20210805; EP 21761993 A 20210805; FR 2008321 A 20200806; JP 2023507615 A 20210805; KR 20237007426 A 20210805; MX 2023001519 A 20210805; US 202118019279 A 20210805