



(11) **EP 4 175 017 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
01.11.2023 Bulletin 2023/44

(43) Date of publication A2:
03.05.2023 Bulletin 2023/18

(21) Application number: **22161425.8**

(22) Date of filing: **10.03.2022**

(51) International Patent Classification (IPC):
H01M 10/613 ^(2014.01) **H01M 10/625** ^(2014.01)
H01M 10/6556 ^(2014.01) **H01M 10/6567** ^(2014.01)
H01M 50/30 ^(2021.01) **H01M 50/358** ^(2021.01)

(52) Cooperative Patent Classification (CPC):
H01M 10/613; H01M 10/625; H01M 10/647;
H01M 10/6554; H01M 10/6556; H01M 10/6557;
H01M 10/6563; H01M 10/6566; H01M 10/6567;
H01M 10/6568; H01M 50/209; H01M 50/24;
H01M 50/249; H01M 50/271; H01M 50/358;

(Cont.)

(84) Designated Contracting States:
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 States:
BA ME
Designated Validation States:
KH MA MD TN

(30) Priority: **05.10.2021 US 202163252305 P**

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(54) **CELL COOLING COVER FOR A BATTERY MODULE**

(57) The present disclosure refers to a cell cooling cover for covering and fluid-cooling a battery module, the cell cooling cover comprising: a cover plate and a channel system fixedly arranged at the cover plate. The channel system comprises at least two main channels configured for guiding a coolant. The main channels are arranged such that two of the main channels extend along that

stack. These two main channels are positioned in the area of the predefined sides, and the venting outlets of the battery cells of this stack are each arranged between these two main channels. The invention further relates to a covered battery module, a battery pack, and a vehicle comprising the cell cooling cover according to the invention.

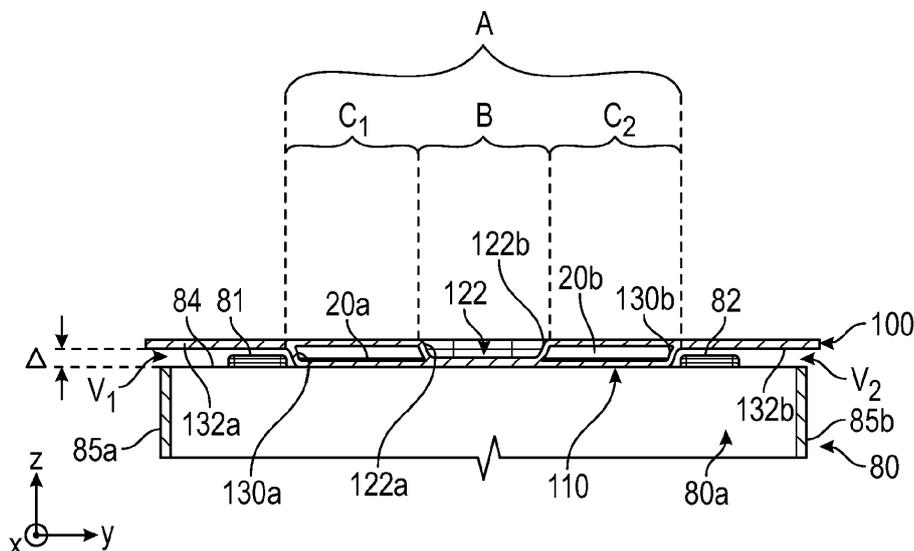


FIG. 2

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(52) Cooperative Patent Classification (CPC): (Cont.)
H01M 2220/20; Y02E 60/10



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The present search report has been drawn up for all claims

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Place of search Munich	Date of completion of the search 20 September 2023	Examiner Brune, Markus
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EPO FORM 1503 03:82 (F04C01)

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