



(11) **EP 3 952 008 B8**

(12) **CORRECTED EUROPEAN PATENT SPECIFICATION**

(15) Correction information:
Corrected version no 1 (W1 B1)
Corrections, see
Bibliography INID code(s) 73

(48) Corrigendum issued on:
26.07.2023 Bulletin 2023/30

(45) Date of publication and mention
of the grant of the patent:
21.06.2023 Bulletin 2023/25

(21) Application number: **20776764.1**

(22) Date of filing: **19.03.2020**

(51) International Patent Classification (IPC):
H01M 10/615 ^(2014.01) **H01M 10/617** ^(2014.01)
H01M 10/627 ^(2014.01) **H01M 10/643** ^(2014.01)
H01M 10/6553 ^(2014.01) **H01M 10/6571** ^(2014.01)
H01M 10/653 ^(2014.01) **H01M 50/213** ^(2021.01)
H01M 50/224 ^(2021.01) **H01M 50/35** ^(2021.01)
H01M 50/502 ^(2021.01) **H01M 50/512** ^(2021.01)

(52) Cooperative Patent Classification (CPC):
H01M 50/224; H01M 10/615; H01M 10/643;
H01M 10/653; H01M 10/6571; H01M 50/213;
H01M 50/35; H01M 50/502; H01M 50/512;
Y02E 60/10

(86) International application number:
PCT/JP2020/012308

(87) International publication number:
WO 2020/196266 (01.10.2020 Gazette 2020/40)

(54) **POWER SUPPLY DEVICE**
STROMVERSORGUNGSVORRICHTUNG
DISPOSITIF D'ALIMENTATION ÉLECTRIQUE

(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

(30) Priority: **28.03.2019 JP 2019064716**

(43) Date of publication of application:
09.02.2022 Bulletin 2022/06

(73) Proprietor: **Panasonic Energy Co., Ltd.**
Osaka 570-8511 (JP)

(72) Inventors:
• **OONO, Yasuhiro**
Osaka-shi, Osaka 540-6207 (JP)

• **OKAMURA, Kentaro**
Osaka-shi, Osaka 540-6207 (JP)

(74) Representative: **Vigand, Philippe et al**
Novagraaf International SA
Chemin de l'Echo 3
1213 Onex - Genève (CH)

(56) References cited:
EP-A1- 2 530 778 EP-A1- 3 220 444
WO-A1-2011/135762 JP-A- 2007 213 939
JP-A- 2018 006 043 US-A1- 2018 261 804

Note: Within nine months of the publication of the mention of the grant of the European patent in the European Patent Bulletin, any person may give notice to the European Patent Office of opposition to that patent, in accordance with the Implementing Regulations. Notice of opposition shall not be deemed to have been filed until the opposition fee has been paid. (Art. 99(1) European Patent Convention).