

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
30 January 2025 (30.01.2025)



(10) International Publication Number
WO 2025/021767 A1

(51) International Patent Classification:
H01M 50/211 (2021.01) *H01M 50/517* (2021.01)
H01M 50/507 (2021.01)

(72) Inventor: **GUTKOWSKI, Martin Szymon**; Unit H
Brunel Park Vincients Road, Bumpers Farm, Chippenham
SN14 6NQ (GB).

(21) International Application Number:
PCT/EP2024/070767

(74) Agent: **KELTIE LLP**; No. 1 London Bridge, London SE1
9BA (GB).

(22) International Filing Date:
22 July 2024 (22.07.2024)

(81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): AE, AG, AL, AM,
AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ,
CA, CH, CL, CN, CO, CR, CU, CV, CZ, DE, DJ, DK, DM,
DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,
HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG,
KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY,
MA, MD, MG, MK, MN, MU, MW, MX, MY, MZ, NA,
NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO,
RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH,

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2311333.5 24 July 2023 (24.07.2023) GB

(71) Applicant: **LUTHMORE LTD** [GB/GB]; Unit H Brunel
Park Vincients Road, Bumpers Farm, Chippenham SN14
6NQ (GB).

(54) Title: BATTERY CELL TERMINAL ALIGNMENT FIXTURE

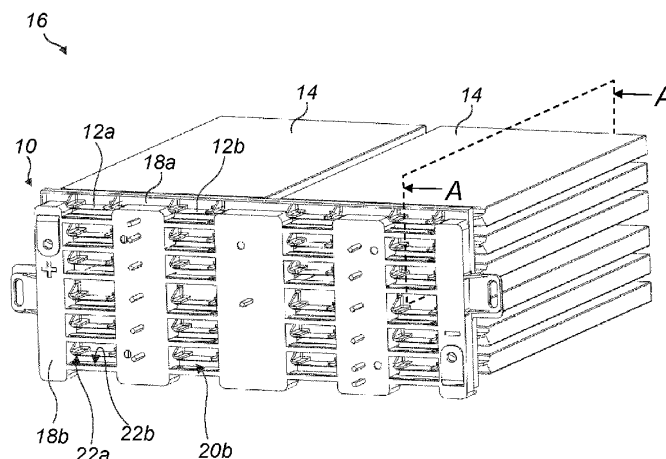


FIG. 3

(57) Abstract: Battery cell terminal alignment fixture According to an aspect of the invention there is provided a battery cell terminal alignment fixture for aligning protruding terminals of a plurality of battery cells. The fixture comprises a first alignment component comprising a plurality of first terminal apertures and a plurality of respective associated first engagement surfaces, and a second alignment component comprising a plurality of second terminal apertures and a plurality of respective associated second engagement surfaces. Corresponding first and second terminal apertures are configured to together receive a respective battery cell terminal. The first and second alignment components are connected together in sliding relation such that sliding one of the first or second alignment components relative to the other alignment component brings corresponding first and second engagement surfaces closer together to thereby clamp a respective battery cell terminal therebetween.

[Continued on next page]

TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS,
ZA, ZM, ZW.

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, ME, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Published:

- with international search report (Art. 21(3))
- in black and white; the international application as filed contained color or greyscale and is available for download from PATENTSCOPE