

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
04 August 2022 (04.08.2022)



(10) International Publication Number
WO 2022/160004 A1

(51) International Patent Classification:

F28D 20/00 (2006.01) *H05B 3/42* (2006.01)
F28F 21/02 (2006.01) *H05B 3/78* (2006.01)
H05B 3/40 (2006.01) *H05B 3/14* (2006.01)

(21) International Application Number:

PCT/AU2022/050031

(22) International Filing Date:

25 January 2022 (25.01.2022)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2021900197 29 January 2021 (29.01.2021) AU

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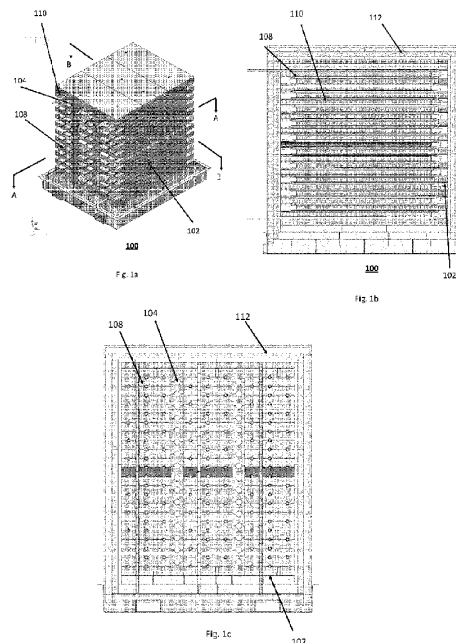
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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB,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

(54) Title: AN ENERGY STORAGE DEVICE



(57) Abstract: The invention provides an energy storage apparatus comprising: a sensible heat storage body having a heat exchanger channel and a heating element channel adapted to receive a removable heating element; and a heat exchanger having an inlet and an outlet, wherein at least a portion of the heat exchanger is disposed along the channel. Also provided are methods or reversibly storing and/or extracting energy, a heating element and an energy storage array comprising a plurality of energy storage apparatus as described herein.

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SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, 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, GH, GM, KE, LR, LS, MW, MZ, NA, RW, 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, 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))