

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
19 October 2023 (19.10.2023)



(10) International Publication Number
WO 2023/201143 A3

(51) International Patent Classification:

H01M 10/34 (2006.01) *H01M 50/183* (2021.01)
H01M 10/04 (2006.01) *H01M 50/505* (2021.01)

(21) International Application Number:

PCT/US2023/063664

(22) International Filing Date:

03 March 2023 (03.03.2023)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

17/687,527 04 March 2022 (04.03.2022) US

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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, 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, MW, MX, MY, MZ, NA, NG,

(54) Title: ELECTRODE STACK FOR A METAL HYDROGEN BATTERY

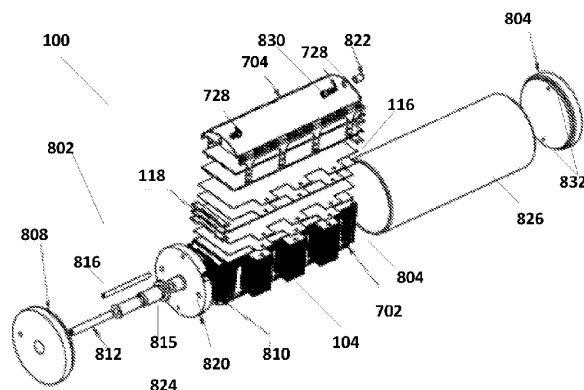


Figure 8C

(57) Abstract: A metal hydrogen battery is presented. The metal hydrogen batter includes an electrode stack, the electrode stack including alternating anode assemblies and cathode assemblies, the anode assemblies and cathode assemblies separated by a separator, each of the anode assemblies including at least one anode layer connected to an anode bus, each of the cathode assemblies including at least one cathode layer connected to a cathode bus, wherein each of the anode buses are electrically and mechanically attached to form an anode conductor, and wherein each of the cathode buses are electrically and mechanically attached to form a cathode conductor. The electrode stack is positioned in a pressure vessel, the pressure vessel including a side wall, a cathode end plate, and an anode end plate. Finally, an electrolyte is contained within the pressure vessel.

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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, 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))*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

(88) Date of publication of the international search report:

29 February 2024 (29.02.2024)