

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
12 May 2022 (12.05.2022)



(10) International Publication Number
WO 2022/096964 A1

- (51) **International Patent Classification:**
H02B 1/26 (2006.01) *H02J 3/00* (2006.01)
- (21) **International Application Number:**
PCT/IB2021/058541
- (22) **International Filing Date:**
20 September 2021 (20.09.2021)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
202021047871 03 November 2020 (03.11.2020) IN
- (71) **Applicant:** NEXT PRIVATE LIMITED [IN/IN]; B 604, Nandanvan-3, Near Nadini-I, Vesu, Surat, Gujarat 395007 (IN).
- (72) **Inventors:** GUPTA, Ashutosh; B 604, Nandanvan-3, Near Nadini-I, Vesu, Surat, Gujarat 395007 (IN). BHIKADIA,

Harsh; Plot No. 36, Sardar Patel Society, Opp. Indian Jewel Circle, Near Gauri Shankar Society, Bhavanagar, Gujarat 364002 (IN). PRATIK, Vishal; 403, Ekta Apartment, Near Haria Hospital, Chharwada Road, Vapi, Gujarat 396195 (IN). KHICHAR, Praveen; S/o Mahendra Khichar, Khicharo Ki Dhani, Post Kheerwa, Tehsil Laxmangarh, District- Sikar, Rajasthan 332311 (IN).

(74) **Agent:** KHURANA & KHURANA, ADVOCATES & IP ATTORNEYS; E-13, UPSIDC, Site-IV, Behind-Grand Venice, Kasna Road, Greater Noida, National Capital Region, Uttar Pradesh 201310 (IN).

(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,

(54) **Title:** APPARATUS FOR DISTRIBUTING SUPPLY OF POWER TO LOADS

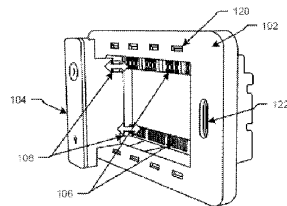
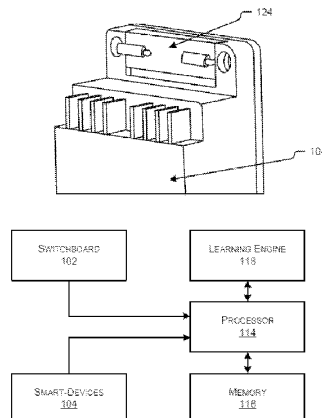


FIG. 1A



(57) **Abstract:** The present disclosure relates to an apparatus (100) for distributing supply of power to one or more loads, the apparatus includes a switchboard (102) that includes one or more first connectors (106), configured to supply power to corresponding one or more loads, and configured to receive an input power supply, one or more smart-devices (104) associated with corresponding one or more loads, and electrically couple with corresponding one or more first connectors. A processor (114) configured to receive, the input pertaining to parameters of power to be supplied to the associated load, and operate a regulator to supply power to the corresponding coupled first connector according to the received parameters, wherein the power supplied to the corresponding coupled first connector is transmitted to the associated load to operate the associated load.

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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,
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))
- with amended claims (Art. 19(1))
- in black and white; the international application as filed contained color or greyscale and is available for download from PATENTSCOPE