

CORRECTED VERSION

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
30 December 2015 (30.12.2015)



(10) International Publication Number
WO 2015/200931 A8

(51) International Patent Classification:
H02J 3/38 (2006.01)

(21) International Application Number:

PCT/US2015/043396

(22) International Filing Date:

3 August 2015 (03.08.2015)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

62/015,703	23 June 2014 (23.06.2014)	US
62/032,186	1 August 2014 (01.08.2014)	US
PCT/US2015/22979	27 March 2015 (27.03.2015)	US

(71) Applicant: **GRIDBRIDGE, INC.** [US/US]; Gridbridge, Inc., 130 Penmarc Drive, Suite 101, Raleigh, North Carolina 27603 (US).

(72) Inventors: **ECKHARDT, Chad**; Chad, Eckhardt, 108 E. Aycock Street, Raleigh, North Carolina 27609 (US). **WATTS, Stephen**; Stephen Timothy Watts, 2021 Terri Creek Drive, Fuquay-Varina, North Carolina 27526 (US). **ANSTETT III, Joseph E.**; 5217 Wynneford Way, Raleigh, North Carolina 27614-9816 (US). **VENTURA, Mark L.**; 106 Prestonian Place, Morrisville, North Carolina 27560 (US).

(74) Agent: **MATTHEWS, Richard**; Richard T. Matthews, Williams Mullen, 301 Fayetteville Street, Suite 1700, Raleigh, North Carolina 27601 (US).

(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, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR, 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, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, 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).

Declarations under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))

[Continued on next page]

(54) Title: VERSATILE SITE ENERGY ROUTER

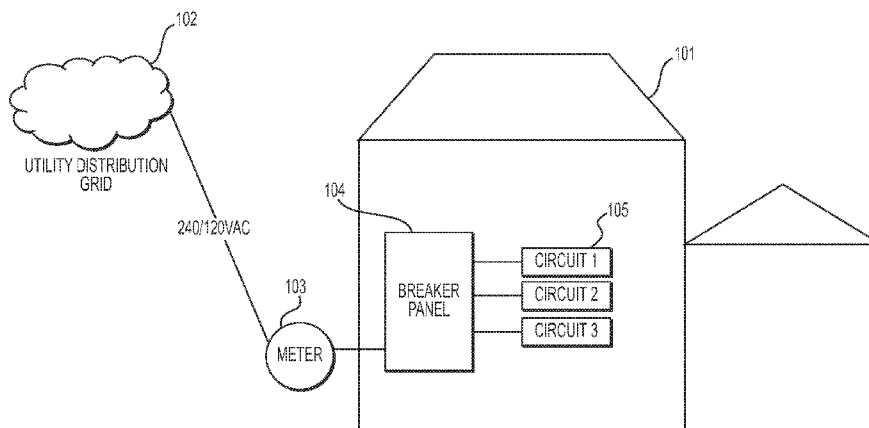


FIG. 1
PRIOR ART

(57) Abstract: An electrical distribution site energy management and router device, or SER device, may be installed between a customer premises and a distribution grid, and one or more alternative energy sources and energy storage devices may be electrically connected to the SER device. The SER device may intelligently route power from alternative energy sources to the customer premises, energy storage devices, even to the grid, through various modes of operation. The SER device may efficiently and economically route power during peak electricity price periods and outside of peak periods.



- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

(48) Date of publication of this corrected version:

18 February 2016

Published:

- *with international search report (Art. 21(3))*
- *the filing date of the international application is within two months from the date of expiration of the priority period (Rule 26bis.3)*

(15) Information about Correction:

see Notice of 18 February 2016