

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
03 November 2022 (03.11.2022)



(10) International Publication Number
WO 2022/226576 A1

(51) International Patent Classification:

H02J 3/16 (2006.01) *G06Q 50/06* (2012.01)
G01R 19/25 (2006.01) *H02J 3/18* (2006.01)
G05B 13/02 (2006.01) *H02J 13/00* (2006.01)
G05B 19/042 (2006.01) *H04L 29/08* (2006.01)

(21) International Application Number:

PCT/AU2021/051062

(22) International Filing Date:

15 September 2021 (15.09.2021)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2021901293 30 April 2021 (30.04.2021) AU

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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,
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))

(54) Title: AN ELECTRIC LOAD NETWORK AND METHOD FOR ADJUSTING AN OPERATION FREQUENCY OF AN ELECTRICITY GRID IN REAL TIME

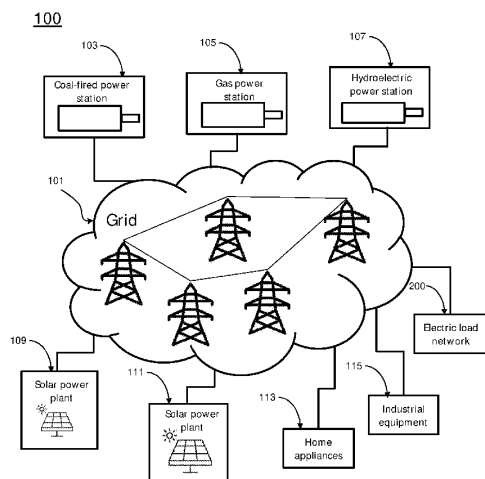


Fig.1

(57) Abstract: There is provided an electric load network (200) for adjusting an operation frequency of an electricity grid (101) in real time. The electric load network (200) may comprise: a set of computing devices (201); a site server (203) that is connected to the set of computing devices (201); a frequency reader (205) that is connected to the site server (203), the frequency reader (205); wherein the site server (203) is configured to obtain from the frequency reader (205) the operation frequency of the electricity grid (101); determine a frequency difference between the operation frequency and a reference operation frequency; and instruct the set of computing devices (201) to change the collective operation power of the set of computing devices (201) based on the frequency difference to adjust the operation frequency of the electricity grid (101).

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