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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
11 April 2013 (11.04.2013)

WIPO | PCT

(10) International Publication Number
WO 2013/052768 A2

(51) International Patent Classification: Not classified

(21) International Application Number:
PCT/US2012/058903

(22) International Filing Date:
5 October 2012 (05.10.2012)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/544,401 7 October 2011 (07.10.2011) US
13/644,404 4 October 2012 (04.10.2012) US

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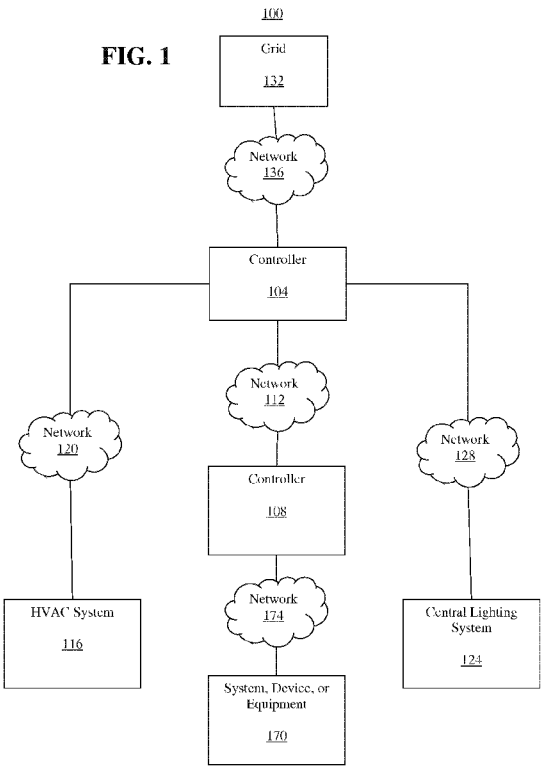
(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, 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, 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, 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,

[Continued on next page]

(54) Title: PROVIDING ADAPTIVE DEMAND RESPONSE BASED ON DISTRIBUTED LOAD CONTROL

FIG. 1



(57) Abstract: Adaptive demand response based on distributed load control may be provided. A demand response request indicative of a demand response event for an area may be received (300). A maximum power consumption for the area during the demand response event may be determined based on the demand response request (304). One or more set points for the area during the demand response event may be determined prior to the demand response event (308). The one or more set points are determined based on the maximum power consumption. Prior to or during the demand response event, a real-time power consumption for the area may be calculated (312). When the real-time power consumption exceeds the maximum power consumption, one or more loads in the area may be controlled to maintain the real-time power consumption at or below the maximum power consumption (316)

WO 2013/052768 A2

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, ML, MR, NE, SN, TD, TG).

Published:

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