

1) Family number: 52205240 (US2012296482A)

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Title: METHODS, APPARATUS AND SYSTEMS FOR MANAGING ENERGY ASSETS

Priority: US20090279589P 20091023 US20100850918 20100805 US20110477067P 20110419
US20110522982P 20110812 US20110522982P 20111028 US20110552982P 20111028
US20110554390P 20111101 US20120601846P 20120222 US20120451497 20120419
US20120643062P 20120504 US20120643067P 20120504 US20120535008 20120627
US20120565015 20120802 US20120354875 20121029 US20120663220 20121029
WO2012US62439 20121029 US20120354960 20121101 WO2012US63109 20121101
US20120666898 20121101 US20130774994 20130222 US20130888336 20130506
US20130888347 20130506 US20130398666 20130506 WO2013US39762 20130506
US20130398659 20130506 WO2013US39761 20130506 US20130895894 20130516
US20140532913 20141104 US20150735629 20150610

Family:	Publication number	Publication date	Application number	Application date
	CN102955317 A	20130306	CN201210242379	20120712
	CN102955609 A	20130306	CN201210283870	20120810
	EP2557475 A1	20130213	EP20120178474	20120730
	EP2557476 A1	20130213	EP20120179684	20120808
	HK1176688 A1	20130802	HK20130104215	20130408
	HK1176720 A1	20130802	HK20130104214	20130408
	JP2013041276 A2	20130228	JP20120176011	20120808
	JP2013061936 A2	20130404	JP20120178362	20120810
	TW201308276 A	20130216	TW20120124902	20120711
	TW201312211 A	20130316	TW20120128694	20120809
	US2012296482 AA	20121122	US20120451497	20120419
	US2013038379 AA	20130214	US20120565015	20120802
	US2013038820 AA	20130214	US20120535008	20120627
	US2013204443 AA	20130808	US20120663220	20121029
	US2013245847 AA	20130919	US20130888336	20130506
	US2013346139 AA	20131226	US20130888347	20130506
	US2014039709 AA	20140206	US20120666898	20121101
	US2014039965 AA	20140206	US20130774994	20130222
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	US2014304025 AA	20141009	US20120354875	20121029
	US2014316973 AA	20141023	US20120354960	20121101
	US2015088576 AA	20150326	US20130398666	20130506
	US2015112497 AA	20150423	US20130398659	20130506
	US2015277467 AA	20151001	US20150735629	20150610
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	US2016363948 AA	20161215	US20160153232	20160512
	US8457802 BA	20130604	US20100850918	20100805
	US8892264 BB	20141118	US20120451497	20120419
	US9159042 BB	20151013	US20130774994	20130222
	US9159108 BB	20151013	US20120666898	20121101
	US9335747 BB	20160510	US20130895894	20130516
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	US9514428 BB	20161206	US20120354875	20121029
	US9690312 BB	20170627	US20130398659	20130506
	US9727071 BB	20170808	US20130398666	20130506
	US9772643 BB	20170926	US20140532913	20141104
	WO12145563 A1	20121026	WO2012US34326	20120419
	WO13063581 A1	20130502	WO2012US62439	20121029
	WO13067213 A1	20130510	WO2012US63109	20121101
	WO13166510 A1	20131107	WO2013US39761	20130506
	WO13166511 A2	20131107	WO2013US39762	20130506
	WO13166511 A3	20141224	WO2013US39762	20130506

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Assignee(s):(std): DEVORE DUNCAN K ; HAMEYIE EUNICE B ; STEVEN ALAIN P ; ZIBELMAN AUDREY A ; VIRIDITY ENERGY INC ; STEWART CRAIG ; STEVEN ALAIN PIERRE ; VIRIDITY ENERGY INC ; VIRIDITY ENERGY SOLUTIONS INC ; CHEN SHI CHIUNG

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Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class B32B3/12 B81B B81B3/00 B81B7/04 G02F G02F1/13 G02F1/1333 G02F1/1334 G02F1/167 G02F1/17

(IPC 8-9): G02F1/19 G05B13/02 G05B13/04 G05B17/02 G05F1/66 G05F1/70 G06F G06F1/16 G06F1/26 G06F17/10 G06F17/50 G06F19/00 G06F3/041 G06F3/044 G06Q10/00 G06Q10/04 G06Q10/06 G06Q30/02 G06Q30/06 G06Q40/04 G06Q50/06 G09F G09F9/00 G09F9/30 H01H59/00 H01L27/146 H01L31/04 H02J13/00 H02J3/28 H02J3/38 H02J3/46 H03K17/96 (Advanced/Invention); G05B13/02 G05B15/02 G06Q40/04 H02J3/32 (Advanced/Non-invention)

CPC: Y02B10/30 G06Q10/06315 G06Q30/0202 G05B2219/2639 G06F1/1652 Y10T428/24149 G06F3/041 G06F3/044 G06F2203/04103 H03K17/9622 H03K2217/960755 G05B13/026 G05B2219/49068 G05B13/02 G05B13/04 G06F17/10 Y02B90/2638 Y02B90/2653 Y04S20/224 G05B2219/2642 G06F2119/06 G06Q40/04 H02J2203/20 H02J3/003 G06Q10/06314 Y04S10/58 G05B15/02 G06Q10/00 H02J3/46 Y02E10/563 Y02E10/566 G05B13/041 H02S10/00 G06Q10/06 H02J3/28 Y02B70/3216 Y02E60/7838 Y02E60/7853 Y04S20/221 Y04S40/124 Y04S40/126 G06Q10/04 G06Q50/06 H02J3/008 H02J3/32 H02J3/381 H02J13/00001 Y02E40/72 Y02E60/722 Y02E60/76 Y04S10/12 Y04S10/14 Y04S10/40 Y04S40/22 Y04S50/10 G05F1/66 Y02P90/84 G05B17/02 G06Q10/06312 G06F30/20 H02J13/0006 H02J13/0062 H02J13/0075 H02J13/0079 H02J3/383

European class: G06Q10/04 G06Q50/06 H02J3/00T

US class: 1/1 200/181 257/443 327/517 349/86 428/116 700/286 700/287 700/291 700/292 700/295 703/18 705/37 705/7.22 705/7.24 705/7.25

[Classification Explorer](#)

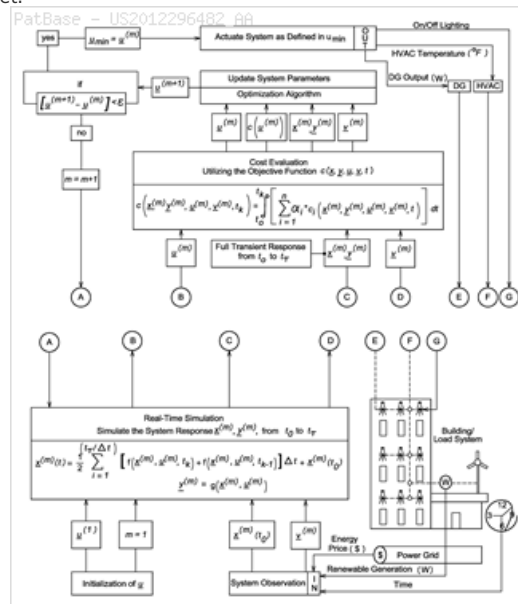
Cited documents: WO13166511 A2, WO13166510 A1, WO13126800 A1, WO13067213 A1, WO13063581 A1, WO12145563 A1, WO12019022 A2, WO11100736 A2, WO11062085 A1, WO09148313 A1, US9367825 BB, US9171276 BB, US9159108 BB, US9159042 BB, US9098876 BB, US8892264 BB, US8805550 BB, US8689020 BB, US8621097 BB, US8620632 BB, US8583520 BA, US8521337 BA, US8457802 BA, US8412382 BB, US8396604 BB, US8396602 BB, US8395621 BB, US8367984 BB, US8295990 BB, US8234876 BB, US8180494 BB, US8140193 BB, US8126685 BB, US8090476 BB, US8078330 BB, US8024073 BB, US8019697 BB, US8000938 BB, US7991513 BB, US7970482 BB, US7967754 BB, US7957845 BB, US7949615 BB, US7873442 BB, US7854129 BB, US7843184 BB, US7834479 BB, US7827813 BB, US7783390 BB, US7742830 BA, US7663502 BB, US7620482 BB, US7580817 BB, US7529705 BA, US7489990 BB, US7474995 BB, US7393603 BA, US7379997 BB, US7315769 BB, US7274975 BB, US7222494 BB, US7209838 BA, US7206670 BB, US7162878 BB, US7135956 BB, US7130719 BB, US7088014 BB, US6996728 BB, US6885915 BB, US6757591 BB, US6681155 BA, US6211782 BA, US6178362 BA, US6178362 B1, US6076964 A, US5794172 A, US5566084 A, US5544036 A, US4085334 A, US2015326015, US2015278968, US2015277467, US2015112497, US2015088576, US2014316973, US2014304025 AA, US2014257526 AA, US2014067142 AA, US2014039965 AA, US2014039710 AA, US2014039709 AA, US2014018971 AA, US2013346139 AA, US2013245847 AA, US2013204443 AA, US2012296482 AA, US2012245968 AA, US2012173444 AA, US2012158618 AA, US2012078434 AA, US2012010757 AA, US2011276527 AA, US2011270452 AA, US2011257956 AA, US2011246987 AA, US2011246898 AA, US2011231320 AA, US2011215640 AA, US2011078092 AA, US2011066258 AA, US2011029461 AA, US2011009996 AA, US2011007042 AA, US2010333105 AA, US2010332373 AA, US2010324962 AA, US2010294545 AA, US2010292856 AA, US2010289767 AA, US2010286937 AA, US2010250590 AA, US2010218108 AA, US2010217951 AA, US2010217651 AA, US2010217642 AA, US2010217550 AA, US2010217452 AA, US2010179704 AA, US2010168932 AA, US2010164890 AA, US2010114387 AA, US2010106342 AA, US2010082172 AA, US2010076835 AA, US2010075835 AA, US2010063644 AA, US2009313034 AA, US2009299537 AA, US2009281885 AA, US2009254225 AA, US2009235097 AA, US2009228388 AA, US2009222143 AA, US2009192655 AA, US2009093916 AA, US2008303774 AA, US2008211230 AA, US2008046387 AA, US2008000381 AA, US20077282495 AA, US2007168174 AA, US2007124026 AA, US2006276938 AA, US2006052918 AA, US2005240427 AA, US2005234600 AA, US2005033707 AA, US2004267513 AA, US2004215529 AA, US2004139038 AA, US2004133314 AA, US2004128266 AA, US2004117330 AA, US2004095237 AA, US2004064204 AA, US2004064203 AA, US2002124000 AA, JP9160052 A2, JP9138391 A2, JP3358935 B2, JP2011027952 A2, JP2009198633 A2, JP2008197245 A2, JP2007322617 A2, JP2007226534 A2, JP2005189354 A2, JP2001117719 A2, EP0791280 B1, EP0791280 A1, CN1774659 A,

Forward Citations: WO19231873, WO19158575, WO19056160, WO19028358, WO18200854, WO18005760, WO17173406, WO17158104, WO17157463, WO17062916, WO17062898, WO17062897, WO17062896, WO16147091, WO16037924, WO15196133, WO15147917, WO15031581, WO14205585, WO14100415, WO14100415, WO14095346, WO14093874, US9991468, US9979198, US9965802, US9954360, US9953285, US9952611, US9952570, US9951967, US9946285, US9944194, US9939834, US9933804, US9916630, US9909510, US9899836, US9892472, US9886316, US9880580, US9880230, US9869486, US9869481, US9866029, US9865024, US9852481, US9846886, US9831677, US9811102, US9806563, US9804625, US9799084, US9792568, US9789779, US9786020, US9779461, US9778627, US9772643, US9768614, US9767469, US9766644, US9760957, US9753465, US9741082, US9740803, US9740258, US9740227, US9732972, US9729012, US9729011, US9729010, US9727898, US9727071, US9715264, US9715261, US9705361, US9704206, US9703340, US9678522, US9672068, US9660450, US9651973, US9651929, US9645180, US9639103, US9638831, US9633359, US9631881, US9620979, US9577434, US9568973, US9563248, US9563215, US9559549, US9533597, US9520818, US9514428, US9513648, US9511677, US9509176, US9489701, US9484744, US9465398, US9465397, US9461471, US9457680, US9446678, US9436179, US9429974, US9418393, US9411073, US9382817, US9376034, US9367825, US9367108, US9367052, US9343903, US9335747, US9312698, US9310403, US9286646, US9285505, US9235657, US9225172, US9209625, US9207698, US9177323, US9171276, US9159108, US9159042, US9130402, US9104183, US9098876, US9088422, US9070173, US9037302, US9035479, US9031707, US9018782, US9008852, US8996419, US8996418, US8983811, US8983669, US8977405, US8938320, US8930038, US8903561, US8892264, US8890505, US8862279, US8849715, US8806239, US8805552, US8712595, US8694176, US8689020, US8457802, US2019190269, US2019056706, US2019036789, US2019004555, US2018357577, US2018329374, US2018083446, US2018073917, US2018024183, US2017331322, US2017308426, US2017285720, US2017269658, US2017192414, US2017177047, US2017160711, US2017124668, US2017117716, US2017103483, US2017102162, US2017075747, US2017048395, US2017039659, US2017038432, US2017030598, US2016380862, US2016379149, US2016359342, US2016348961, US2016344189, US2016334126, US2016334122, US2016327936, US2016291624, US2016291554, US2016247085, US2016241038, US2016241036, US2016226250, US2016226021, US2016218511, US2016202682, US2016189298, US2016187906, US2016180474, US2016161137, US2016131688, US2016126739, US2016125339, US2016103711, US2016092986, US2016072291, US2016070286, US2016052413, US2016043550, US2016036272, US2016036247, US2016033985, US2016014883, US2016013645, US2016011617, US2015372510, US2015345812, US2015339266, US2015288307, US2015276252, US2015275767, US2015275750, US2015268709, US2015268644, US2015261892, US2015253030, US2015251565, US2015251556, US2015242946, US2015242785, US2015241874, US2015234410, US2015206083, US2015186827, US2015184549, US2015170080, US2015168000, US2015167996, US2015134138, US2015127425, US2015075765, US2015058061, US2015032276, US2015025934, US2015025696, US2015019182, US2015019036, US2015008884, US2014371924, US2014358314, US2014344189, US2014339316, US2014336840, US2014330695, US2014330611, US2014327643, US2014324237, US2014297238, US2014290723, US2014289004, US2014278817, US2014278327, US2014277810, US2014277797, US2014257907, US2014228993, US2014222235, US2014188295, US2014180884, US2014163755, US2014142779, US2014129040, US2014116810, US2014094980, US2014091629, US2014088774, US2014074311, US2014039710, US2014025215, US2014021783, US2014005852, US2013304550, US2013304269, US2013282193, US2013270827, US2013262654, US2013262190, US2013253973, US2013253717, US2013245847, US2013231979, US2013226360, US2013226359, US2013204443, US2013179373, US2013144575, US2013144546, US2013110295, US2013103221, US2013024045, US2012330465, US2012260206, US2012221165, US2012185105, US2012166001, US2011299549, US2011299547, US2011257803,

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Abstract:

The apparatuses and methods herein facilitate generation of energy-related revenue for an energy customer of an electricity supplier, for a system that includes an energy storage asset. The apparatuses and methods herein can be used to generate operating schedules for a controller of the energy storage asset. When implemented, the generated operating schedules facilitates derivation of the energy-related revenue, over a time period T, associated with operation of the at least one energy storage asset according to the generated operating schedule. The energy-related revenue available to the energy customer over the time period T is based at least in part on a wholesale electricity market.



2) Family number: 65566354 (US2017122773A)

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Title: RESOURCE CONSUMPTION MONITORING SYSTEM, PLATFORM AND METHOD
Priority: US20150928964 20151030 WO2016CN103562 20161027

Family:	Publication number	Publication date	Application number	Application date
	CN108604323 A	20180928	CN201680077567	20161027
	DE112016004956 T5	20180719	DE201611004956T	20161027
	GB201808014 A0	20180704	GB20180008014	20161027
	GB2558508 A1	20180711	GB20180008014	20161027
	US2017122773 AA	20170504	US20150928964	20151030
	WO17071613 A1	20170504	WO2016CN103562	20161027

Probable Assignee: GLOBAL DESIGN LTD CORP
Assignee(s):(std): GLOBAL DESIGN CORP LTD
Assignee(s): GLOBAL DESIGN LTD CORP
Inventor(s):(std): DAVID CASTANEDA ; YUNG FAI HO ; CASTANEDA DAVID ; HO YUNG FAI
Agent(s): UNITALEN ATTORNEYS AT LAW

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8-9): G01D4/00 G06Q10/04 G06Q10/06 G06Q50/06 (Advanced/Invention)

CPC: G06Q10/04 G06Q10/06 G06Q10/063 G06Q50/06 Y02P90/82 G01D4/002

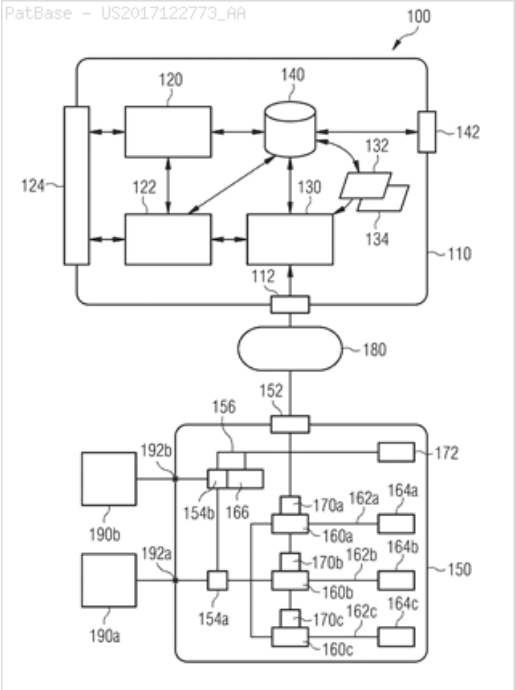
US class: 1/1 340/870.02

[Classification Explorer](#)

Cited documents: US9152737 BA, US8193929 BA, US7246014 BB, US2017075372 AA, US2017075323 AA, US2016212506 AA, US2016142891 AA, US2015297776 AA, US2015276253 AA, US2015178520 AA, US2015168177 AA, US2015100164 AA, US2015019569 AA, US2015001956 AA, US2014282172 AA, US2014078151 AA, US2013329768 AA, US2013257626 AA, US2013144451 AA, US2013124671 AA, US2013123963 AA, US2013096987 AA, US2013012467 AA, US2013009698 AA, US2012271472 AA, US2012268244 AA, US2012179397 AA, US2012173444 AA, US2012173177 AA, US2012086363 AA, US2012068854 AA, US2012054527 AA, US2012027147 AA, US2011264291 AA, US2011251807 AA, US2011063126 AA, US2011040785 AA, US2011025180 AA, US2010299284 AA, US2004138786 AA, CN104778551 A, CN103632226 A,

Forward Citations: WO19055053, US2019089193, US2017351386, US10523523,

Abstract:
According to one embodiment of the present invention, a monitoring system for monitoring resource consumption of at least one monitored site is disclosed. The system comprises a plurality of sensors deployed at different locations of the at least one monitored site, the sensors being configured to provide measurement values over a data network; a data association facility connected to the data network, the data association facility being configured to associate each measurement value with a location information within the at least one monitored site based on a hierarchical model of the monitored site and type information associated with a corresponding sensor of the plurality of sensors; and a graphical interface facility connected to the data network, the graphical interface facility being configured to selectively display the plurality of measurement values based on the associated location information and type information. According to further embodiments of the present invention, a cloud-based monitoring platform and a monitoring method are provided



3) Family number: 51434486 (US2012173444A) © PatBase

Title: METHOD AND SYSTEM FOR ENERGY EFFICIENCY AND SUSTAINABILITY MANAGEMENT
Priority: US20110429572P 20110104 US20120343382 20120104 WO2012US20148 20120104
US20130023053 20130910

Family:	Publication number	Publication date	Application number	Application date
	AU2012204454 AA	20120712	AU20120204454	20120104
	AU2012204454 AA	20130725	AU20120204454	20120104
	CA2823554 AA	20130702	CA20122823554	20120104
	IL227350 A0	20130930	IL20120227350	20120104
	IN05512CN2013 A	20150213	IN2013CN05512	20130711
	SG191407 A1	20130830	SG20130050281	20120104
	US2012173444 AA	20120705	US20120343382	20120104
	US2014012552 AA	20140109	US20130023053	20130910
	WO12094373 A1	20120712	WO2012US20148	20120104

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Assignee(s):(std): ZIK ENERGY POINTS INC ; ZIK ORY
Assignee(s): LUX RESEARCH INC
Inventor(s):(std): ZIK ORY
Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; SMART AND BIGGAR; POLLACK CALEB
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU

CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL
IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW
MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN
ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class
(IPC 8-9):

G01R G01R21/00 G01R22/00 G06F17/50 G06Q50/06 G06Q99/00 G1R21/00 (Advanced/Invention);
G01R (Subclass/Invention)

CPC:

G06Q10/10 G06Q30/018 Y02P90/84 Y02P90/845 G06F30/20

European class:

G06Q10/10 G06Q30/018

US class:

703/2 705/317 705/317P

[Classification Explorer](#)

Cited documents:

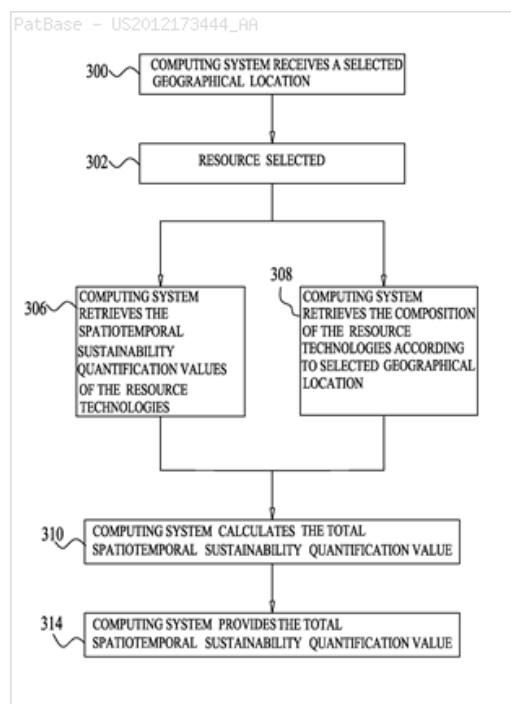
US2010332275 AA, US2010100405 AA, US2009228406 AA, US2009070040 AA,

Forward Citations:

WO16137393, WO15123568, US9835351, US9824064, US9799006, US9735696, US9721220,
US9671242, US9653984, US9651592, US9646272, US9614743, US9535442, US9514428, US9495774,
US9490690, US9488686, US9424517, US9389263, US9367052, US8706416, US2018191858,
US2017122773, US2016057039, US2015262101, US2015235232, US2015154770, US2015120068,
US2015032660, US2014364143, US2014304025, US2014180726, US2014129080, US2014052500,
US2013311216, US2013290074, US2013262654, US2013204443, US2013151028, US2013090975,
US2012310855, US2012303198, US10485137, US10188017, GB2537331,

Abstract:

A system and method for sustainability management of energy consumption of a selected resource, including a memory and a processor to calculate a global sustainability quantification value. The global sustainability quantification value may be a resultant quantity of the selected resource which may be produced by exploitation of a predetermined quantity of a predetermined second resource.



4) Family number: 67708787 (US9835351B)

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Title: AIR CONDITIONER CONTROLLING METHOD

Priority: US20170460199 20170315

Family:

Publication number	Publication date	Application number	Application date
US9835351 BA	20171205	US20170460199	20170315

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Inventor(s):(std): OKAYASU ISAO ; KAGITANI MICHIO ; KOBAYASHI MUNEMASA

Agent(s): SMIRMAN IP LAW PLLC ; PRESTON

International class
(IPC 8-9): F24F11/00 F24F12/00 F24F3/044 G05B13/00 (Advanced/Invention)

CPC:

F24F12/001 F24F11/62 F24F11/83 F24F2110/10 F24F2110/12 F24F3/0442 F24F3/1423 F24F5/0035
F24F2203/104 Y02B30/563

[Classification Explorer](#)

Cited documents:

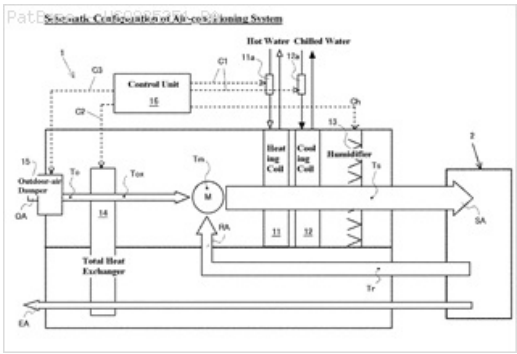
US9021820 BB, US8688278 BB, US8543244 BB, US7827813 BB, US7797080 BB, US5170935 A,
US4217761 A, US2016313020 AA, US2016187896 AA, US2016054018 AA, US2015134124 AA,
US2014244051 AA, US2014012552 AA, US2012173444 AA, US2010094434 AA, US2009065173 AA,
US2008234869 AA, JP3990143 B2, JP2014059124 A2,

Forward Citations: WO19110628, FR3074889,

Abstract:

An air conditioner controlling method includes: deciding on a supply-air temperature T_s and a return-air temperature T_r as specified design values; deciding that the total heat-exchange efficiency η is zero; selecting two or more stepped levels of the outdoor-air volume percentage a ; deriving a linear function which expresses a relation between an outdoor-air temperature T_o and a mixed-air temperature T_m for each level of the outdoor-air volume percentage a by using the return-air temperature T_r

and the total heat-exchange efficiency η_{ta} ; and deciding on the range where the mixed-air temperature T_m is lower than the supply-air temperature T_s for each of the linear functions and the range where the mixed-air temperature T_m in each linear function comes closest to the supply-air temperature T_s as compared with the mixed-air temperatures T_m in the other linear functions.



5) Family number: 54913814 (US2013262654A) © PatBase

Title: RESOURCE MANAGEMENT SYSTEM WITH RESOURCE OPTIMIZATION MECHANISM AND METHOD OF OPERATION THEREOF

Priority: US20120432598 20120328

Family:

Publication number	Publication date	Application number	Application date
US2013262654 AA	20131003	US20120432598	20120328

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Assignee(s):(std): BERESTOV ALEXANDER ; LEE CHUEN CHIEN ; MASLI HANS ; OKUDA TOMOFUMI ; SALTZMAN JEREMY

Assignee(s): SONY CORP

Inventor(s):(std): LEE CHUEN CHIEN ; OKUDA TOMOFUMI ; BERESTOV ALEXANDER ; SALTZMAN JEREMY ; MASLI HANS

International class (IPC 8-9): G06F15/173 (Advanced/Invention)

CPC: G06Q50/06 G06Q10/04 G06Q30/02

US class: 709/224

[Classification Explorer](#)

Cited documents: US8751036 BB, US7502667 BB, US6061660 A, US2014361745 AA, US2014159485 AA, US2014113619 AA, US2014039709 AA, US2013346139 AA, US2013257626 AA, US2013155879 AA, US2013123996 AA, US2013079943 AA, US2013079939 AA, US2013046967 AA, US2013041852 AA, US2013011704 AA, US2012320282 AA, US2012296799 AA, US2012215370 AA, US2012198253 AA, US2012173444 AA, US2012130924 AA, US2012066168 AA, US2011175569 AA, US2011137481 AA, US2011106322 AA, US2010292961 AA, US2010260084 AA, US2010250440 AA, US2010191487 AA, US2010179704 AA, US2010110077 AA, US2009302994 AA, US2009231152 AA, US2009088907 AA, US2008281220 AA, US2008219544 AA, US2008172312 AA, US2007276203 AA, US2007203860 AA, US2007200697 AA, US2007198132 AA, US2005096797 AA, US2005027636 AA, US2004254686 AA, US2004167815 AA, US2004024483 AA, US2002152116 AA,

Forward Citations: WO16051073, US2017359233, US2016274558, US2016033949, US10564633, US10496061, US10440551, US10345770, US10257310, US10204191, US10139811, US10038602, FR3026588,

Abstract:
A method for operating a resource management system includes: identifying a total-usage status of a resource currently being supplied; calculating a current production amount of supplying the resource using the total-usage status; calculating an assessment structure directly reflecting the current production amount; adjusting the assessment structure for modifying behavior associated with the current consumption of the resource.

