

1) Family number: 53468015 (US2013090975A)

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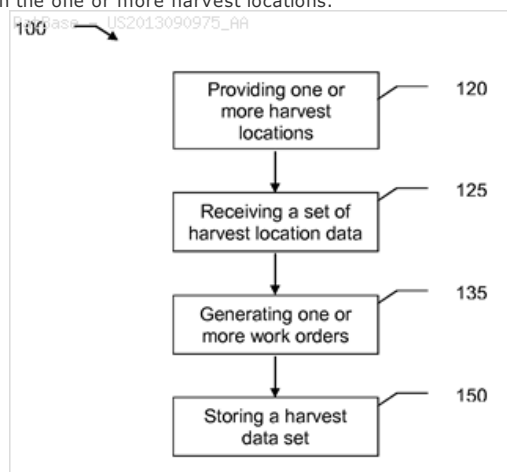
Title: METHOD FOR MANAGING A CELLULOSIC BIOMASS HARVEST
Priority: US20110545871P 20111011 US20120649555 20121011
Family:

Publication number	Publication date	Application number	Application date
US2013090975 AA	20130411	US20120649555	20121011

Probable Assignee: PIONEER HI BRED INT INC
Assignee(s):(std): PIONEER HI BRED INT
Assignee(s): PIONEER HI BRED INT INC ; PIONEER HI BRED INTERNATIONAL INC
Inventor(s):(std): ALTHOFF KYLE JOSEPH ; CORAK STEVEN J ; STEENHOEK LOREN ; MACY TED S
International class (IPC 8-9): G06Q10/06 (Advanced/Invention)
CPC: G06Q10/06 G06Q50/02
US class: 705/7.26
[Classification Explorer](#)
Cited documents: US7877970 BA, US5884225 A, US2012173444 AA, US2012123972 AA, US2011061295 AA, US2009119978 AA, US2005080520 AA,
Forward Citations: CN106469197,

Abstract:

A method for managing a cellulosic biomass harvest comprises providing one or more harvest locations, receiving at a processor a set of harvest location data associated with the one or more harvest locations, generating at a processor one or more work orders for harvesting cellulosic biomass from the one or more harvest locations based on the set of harvest location data, and storing in a database a cellulosic biomass harvest data set associated with the one or more harvest locations.



2) Family number: 44929050 (US2010100405A)

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Title: METHOD AND APPARATUS FOR DETERMINING AND MANAGING SUSTAINABILITY RATINGS
Priority: US20080106433P 20081017 US20090580634 20091016
Family:

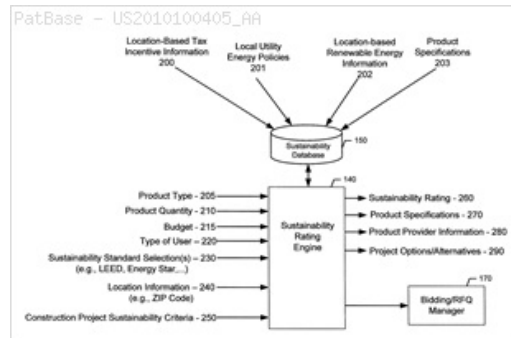
Publication number	Publication date	Application number	Application date
US2010100405 AA	20100422	US20090580634	20091016

Probable Assignee: GREENWIZARD LLC
Assignee(s):(std): GREEN WIZARD LLC
Assignee(s): GREENWIZARD LLC
Inventor(s):(std): BERNHOLZ ADAM ; LEPORE GERARD
Agent(s): ALSTON AND BIRD LLP
International class (IPC 8-9): G06N5/02 G06Q10/00 (Advanced/Invention); G06Q30/00 (Advanced/Non-invention); G06N5/00 G06Q10/00 (Core/Invention); G06Q30/00 (Core/Non-invention)
CPC: G06Q10/06 G06Q10/0639 G06Q30/0601
European class: G06Q10/06 G06Q10/0639 G06Q30/0601
US class: 705/26 705/26.1 705/26.100S 705/26S 705/7 705/7.38 705/7.380P 705/7P 706/47 706/47S
[Classification Explorer](#)
Cited documents: US7912807 BB, US7277864 BB, US7254553 BB, US7246087 BA, US7149665 BB, US7072857 BA, US7006977 BA, US6980966 BA, US6636836 BA, US6633852 BA, US6611816 BB, US6505172 BA, US6393410 BA, US6385594 BA, US6035283 A, US6023683 A, US6012051 A, US5995947 A, US5842178

A, US5758328 A, US2010030601 AA, US2009210277 AA, US2008319812 AA, US2005209897 AA, US2005137921 AA, US2005015287 AA, US2004117240 AA, US2003110065 AA, US2002198755 AA, US2002116239 AA, US2002026343 AA,

Forward Citations: WO14144730, WO12094373, WO11038193, US9911163, US9842372, US9798343, US9798306, US9785902, US9785126, US9501805, US9501804, US9423848, US9406036, US9395704, US9342904, US9330503, US9274518, US9208634, US9129231, US8892540, US8866818, US8788574, US8738190, US8692826, US8670962, US8620635, US8532835, US8531451, US8493406, US8411085, US8352397, US8321183, US8314793, US8180727, US7912807, US2014337145, US2012323535, US2012310855, US2012271784, US2011251955, US2011172838, US2011060704, US2011000402, US2010332044, US2010325564, US2010325196, US2010325166, US2010324870, US2010324867, US2010274629, US2010274611, US2010223101, US2010223081, US2010179794, US2010156900, US2010106674, US2009326885, US2009322743, US2009313093, US10318902, US10223167, US10043144, US10013666,

Abstract: Methods and apparatuses for determining and managing sustainability ratings are provided. An example method may include receiving a construction product type and identifying a first candidate construction product within a database based at least in part on the construction product type. The first candidate construction product may be associated with sustainability data for the first candidate construction product. The example method may also include determining a first sustainability rating based at least in part on the sustainability data for the first candidate construction product through application of sustainability rules. Other methods and apparatuses are also provided.



3) Family number: 54176201 (US2013166098A)

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Title: SYSTEM AND METHOD FOR USE OF PATTERN RECOGNITION IN ASSESSING OR MONITORING VEHICLE STATUS OR OPERATOR DRIVING BEHAVIOR

Priority: US2011057851P 20111221 US20120616722P 20120328 US20120652017P 20120525
US20120679749 20121116 US20120679722 20121116 US20120679771 20121116
US20120740290P 20121220 EP20120860238 20121221 WO2012US71487 20121221
US20130860284 20130410 US20170809425 20171110

Family:	Publication number	Publication date	Application number	Application date
	EP2795562 A1	20141029	EP20120860238	20121221
	EP2795562 A4	20150610	EP20120860238	20121221
	EP2795562 B1	20181121	EP20120860238	20121221
	EP3462403 A1	20190403	EP20180207417	20121221
	US2013166098 AA	20130627	US20120679722	20121116
	US2013166099 AA	20130627	US20120679749	20121116
	US2013166326 AA	20130627	US20120679771	20121116
	US2014180726 AA	20140626	US20130860284	20130410
	US2018089142 AA	20180329	US20170809425	20171110
	US8892385 BB	20141118	US20120679749	20121116
	US9824064 BB	20171121	US20120679722	20121116
	WO13096908 A1	20130627	WO2012US71487	20121221

Probable Assignee: SCOPE TECHNOLOGIES HOLDINGS LTD

Assignee(s):(std): FUCHS GIL ; SCOPE TECH HOLDINGS LTD ; SCOPE TECHNOLOGIES HOLDINGS LTD

Inventor(s):(std): JACOBS FRIEDL ; FUCHS GIL ; VAN DEN BERGH JOHANN ; LAVIE SAMUEL

Agent(s): TURNER CRAIG ROBERT; CLAYTON R; DOWNS RACHLIN MARTIN PLLC; KENNA KARL F

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 (IPC 8-9): B60W40/09 G01P15/18 G01P21/00 G06F17/00 G06Q40/00 G06Q40/08 G07C5/00
G07C5/08 (Advanced/Invention);
G01P15/00 (Advanced/Non-invention)

CPC: G06F17/00 G06Q40/00 G06Q10/10 G01P15/005 G01P15/18 G01P21/00 B60W50/0098 B60W2050/0051
B60W2050/0082 B60W2520/105 B60W2520/125 G06Q40/08 G07C5/08 G07C5/008 G07C5/0808

US class: 701/1 702/104 702/141 705/4

[Classification Explorer](#)

Cited documents: WO14159127 A1, WO14080388 A2, WO11003461 A1, US9020751 BA, US8930044 BA, US8825277 BB, US8595034 BB, US8229624 BB, US8065104 BB, US7761544 BB, US7715961 BA, US7653507 BB, US7643960 BB, US7389178 BB, US6282496 BA, US4758959 A, US4638289 A, US2014358362 AA, US2014358326 AA, US2014297058 AA, US2014279707 AA, US2013144474 AA, US2013060583 AA, US2013046562 AA, US2013041521 AA, US2013040599 AA, US2012323787 AA, US2012173444 AA, US2012166035 AA, US2012123806 AA, US2012105241 AA, US2012089299 AA, US2012078472 AA, US2012076437 AA, US2012072244 AA, US2012018989 AA, US2012010906 AA, US2011313650 AA, US2011307188 AA, US2011307188 AA, US2011224868 AA, US2011213628 AA, US2011202305 AA, US2011147513 AA, US2011106370 AA, US2011106370 AA, US2011102156 AA, US2011046842 AA, US2010305805 AA, US2010299017 AA, US2010238009 AA, US2010131304 AA, US2010131304 AA, US2010087985 AA, US2010063850 AA, US2009210257 AA, US2009210257 AA, US2008262670 AA, US2008157940 AA, US2007159309 AA, US2007061155 AA, US2006241853 AA, US2006092890 AA,

Forward Citations:

Abstract:

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graph LR
    Vehicle260[Vehicle 260] -- "T1: Vehicle Data 262" --> DCA[Data Collection and Assessment System 260]
    Vehicle260 -- "T2: Vehicle Data 264" --> DCA
    Vehicle260 -- "T3: Vehicle Data 266" --> DCA
    Vehicle260 -- "Road Variations 268" --> DCA
    DCA --> Feedback[Providing of Operator Feedback and/or Updating of Operator Profile Data and/or other Services such as Assessment or Monitoring of Operator Behavior 262]
  
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Priority: US20130046584 20131004

Publication number	Publication date	Application number	Application date
CA2863555 AA	20150404	CA20142863555	20140910
CA2863555 C	20180710	CA20142863555	20140910
US2015100274 AA	20150409	US20130046584	20131004
US9721220 BB	20170801	US20130046584	20131004

Abstract:

Title: METHODS, APPARATUS AND SYSTEMS FOR MANAGING ENERGY ASSETS

Priority: US20090279589P 20091023 US20100850918 20100805 US20110477067P 20110419
US20110522982P 20110812 US20110552982P 20111028 US20110522982P 20111028
US20110554390P 20111101 US20120601846P 20120222 US20120451497 20120419
US20120643062P 20120504 US20120643067P 20120504 US20120535008 20120627
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WO2012US63109 20121101 US20130774994 20130222 US20130888336 20130506
US20130888347 20130506 WO2013US39762 20130506 US20130398666 20130506
WO2013US39761 20130506 US20130398659 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
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	US2013346139 AA	20131226	US20130888347	20130506
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	US2014039965 AA	20140206	US20130774994	20130222
	US2014067142 AA	20140306	US20130895894	20130516
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	US2015112497 AA	20150423	US20130398659	20130506
	US2015277467 AA	20151001	US20150735629	20150610
	US2015326015 AA	20151112	US20140532913	20141104
	US2016363948 AA	20161215	US20160153232	20160512
	US8457802 BA	20130604	US20100850918	20100805
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	WO13166510 A1	20131107	WO2013US39761	20130506
	WO13166511 A2	20131107	WO2013US39762	20130506
	WO13166511 A3	20141224	WO2013US39762	20130506

Probable Assignee: VIRIDITY ENERGY SOLUTIONS INC**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**Assignee(s):** CHEN, SHI-CHIUNG**Inventor(s):(std):** STEVEN ALAIN P ; DEVORE DUNCAN K ; ZIBELMAN AUDREY A ; STEWART CRAIG ; CHEN SHI CHIUNG ; STEVEN ALAIN PIERRE ; HAMEYIE EUNICE B ; DEVORE DUNCAN ; HAMEYIE EUNICE**Agent(s):** GRUENECKER KINKELDEY STOCKMAIR AND SCHWANHAUESSER; CWL PARTNERS; FOLEY AND LARDNER LLP; JOSEPH; SANDRA D M; COOLEY LLP; MCCARTER AND ENGLISH LLP; HT THAN LAW GROUP; TEJA JR JOSEPH ET AL; TEJA JOSEPH JR ET AL; BROWN SANDRA D ET AL**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 (IPC 8-9): B32B3/12 B81B B81B3/00 B81B7/04 G02F G02F1/13 G02F1/1333 G02F1/1334 G02F1/167 G02F1/17 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 H02J3/00 H02J3/28 H02J3/38 H02J3/46 H03K17/96 (Advanced/Invention); G05B13/02 G05B15/02 G06Q40/04 H02J3/32 (Advanced/Non-invention)

CPC: H03K2217/960755 Y04S10/12 Y04S10/40 Y02B10/30 H02J13/001 G06F3/041 G06F2203/04103 G06Q10/06315 G06Q30/0202 Y02E40/72 G06Q10/06314 Y10T428/24149 H02J3/32 H02J3/381 H02J3/383 H02J3/46 H02J2003/003 Y02E10/563 Y02E10/566 G05B17/02 G06F17/5009 G06Q10/06312 G05B2219/2639 H02S10/00 G06F2217/78 G06Q10/00 G05B13/041 G05F1/66 G06Q10/06 H02J3/008 H02J3/28 H02J13/0006 H02J13/0062 H02J13/0075 H02J13/0079 H02J2003/007 Y02B70/3216 Y02B90/2638 Y02B90/2653 Y02E60/722 Y02E60/76 Y04S10/14 Y04S10/58 Y04S20/224 Y04S40/124 Y04S40/126 Y04S40/22 Y04S50/10 G06Q50/06 G06Q10/04 G05B13/02 G05B13/04 G05B15/02 G05B2219/2642 G06F17/10 G06Q40/04 Y02E60/7838 Y02E60/7853 Y02P90/84 G06F3/044

H03K17/9622 G06F1/1652 Y04S10/54

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, 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, US2007282495 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,

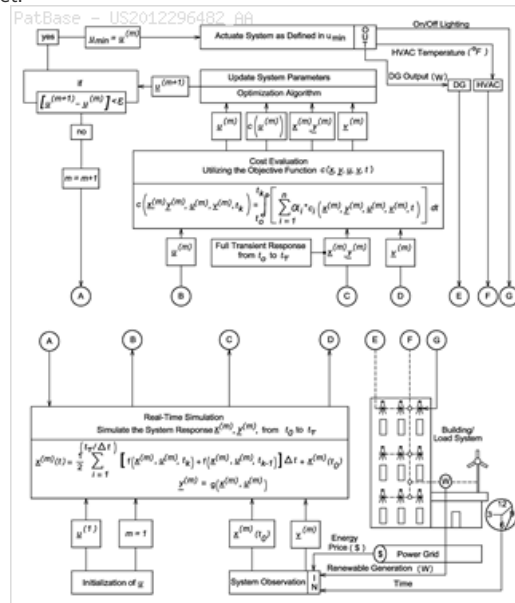
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WO19056160, WO19028358, WO18200854, WO18005760, WO17173406, WO17158104, WO17157463, WO17062916, WO17062898, WO17062897, WO17062896, WO16147091, WO16037924, WO15196133, WO15147917, WO15031581, WO14205585, WO14100415, WO14100415, WO14095346, WO14093874, US9991468, US9979198, US9965802, US9954360, US9953285, 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, 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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, US10361965, US10359748, US10359747, US10359206, US10354025, US10346932, US10346736, US10345766, US10343539, US10339602, US10339232, US10337498, US10332021, US10320227, US10310534, US10310018, US10309994, US10305280, US10303194, US10302328, US10302320, US10296030, US10295969, US10295401, US10289185, US10283968, US10282796, US10282687, US10281508, US10277031, US10268973, US10263462, US10261536, 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EP3306557, EP3270349, EP3223206, EP3170083, EP3151186, EP3089306, EP3089305, EP3051652, EP3051652, EP3046067, EP3039771, EP3039771,

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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.



6) Family number: 61743305 (US2016057039A)

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Title: SYSTEMS AND METHODS TO COMPUTE CARBON FOOTPRINT OF NETWORK SERVICES WITH NETWORK FUNCTION VIRTUALIZATION (NFV) AND SOFTWARE DEFINED NETWORKING (SDN)

Priority: US20140464186 20140820

Family:	Publication number	Publication date	Application number	Application date
	US2016057039 AA	20160225	US20140464186	20140820
	US9614743 BB	20170404	US20140464186	20140820

Probable Assignee: CIENA CORP

Assignee(s):(std): CIENA CORP ; HTAY AUNG ; HUDGINS PAUL ; KORE MALLIKARJUNAPPA

Inventor(s):(std): HUDGINS PAUL ; HTAY AUNG ; KORE MALLIKARJUNAPPA

Agent(s): CLEMENTS BERNARD WALKER PLLC; LAWRENCE A; CHRISTOPHER L

International class (IPC 8-9): G06F11/30 G06F9/455 G06F9/50 H04L12/26 (Advanced/Invention)

CPC: H04L43/0876 G06F9/45558 G06F9/50 G06F9/5027 G06F9/5072 G06F11/3003 G06F11/3055 G06F11/3062 G06F2009/4557 H04L43/08 Y02D10/00 Y02D10/30

US class: 709/224

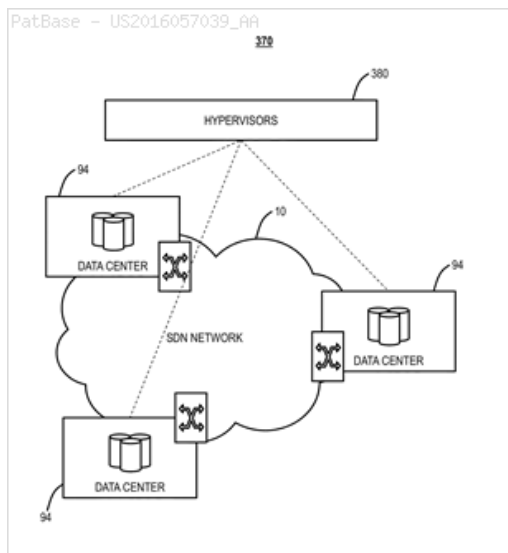
[Classification Explorer](#)

Cited documents: US2016217378 AA, US2016045841 AA, US2015227397 AA, US2015199250 AA, US2012284216 AA, US2012173444 AA, US2011314856 AA, US2011270464 AA, US2011137469 AA,

Forward Citations: WO18049796, WO17158412, US9967150, US9806968, US2016062785, US2015319049, US10185586, RU179335, GB2566367,

Abstract:

A method, through a server, to determine carbon footprint of a network service, in a network, includes determining power consumption and cooling requirements of network devices associated with the network service; determining associated carbon footprint coefficients for power sources associated with each of the network devices; and determining carbon footprint of the network service based on the power consumption, the cooling requirements, and the associated carbon footprint coefficients.



7) Family number: 58904351 (US2015100248A)

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Title: METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR CHEMICAL HAZARD EVALUATION

Priority: US20130048183 20131008 US20130048188 20131008 US20160210159 20160714

Family:	Publication number	Publication date	Application number	Application date
	CA2866039 AA	20150408	CA20142866039	20141006
	US2015100248 AA	20150409	US20130048183	20131008
	US2015100533 AA	20150409	US20130048188	20131008
	US2016321433 AA	20161103	US20160210159	20160714
	US9424517 BB	20160823	US20130048188	20131008
	US9799006 BB	20171024	US20130048183	20131008

Probable Assignee: BAKER HUGHES INC

Assignee(s):(std): AKE JR CHARLES LEE ; BAKER HUGHES INC ; DAULTON DANIEL J ; MCMAHON JO ANN ; KUC WILLIAM J ; GRUMBLES THOMAS ; HILL DENISE

Assignee(s): AKE CHARLES LEE JR

Inventor(s):(std): MCMAHON JO ANN ; KUC WILLIAM J ; DAULTON DANIEL J ; AKE JR CHARLES LEE ; GRUMBLES THOMAS ; HILL DENISE ; AKE CHARLES LEE JR

Agent(s): BERESKIN AND PARR LLP SENCRL SRL; SIM AND MCBURNEY; MARKS AND CLERK; CANTOR COLBURN LLP

International class (IPC 8-9): G06F17/00 G06F19/00 G06N5/02 G06N5/04 G06Q10/10 G06Q50/26 G06Q90/00 (Advanced/Invention); G06Q10/06 G06Q50/26 (Advanced/Non-invention)

CPC: G06N5/04 G06Q10/10 G06Q50/26 G16C20/30

US class: 1/1 702/22 706/46

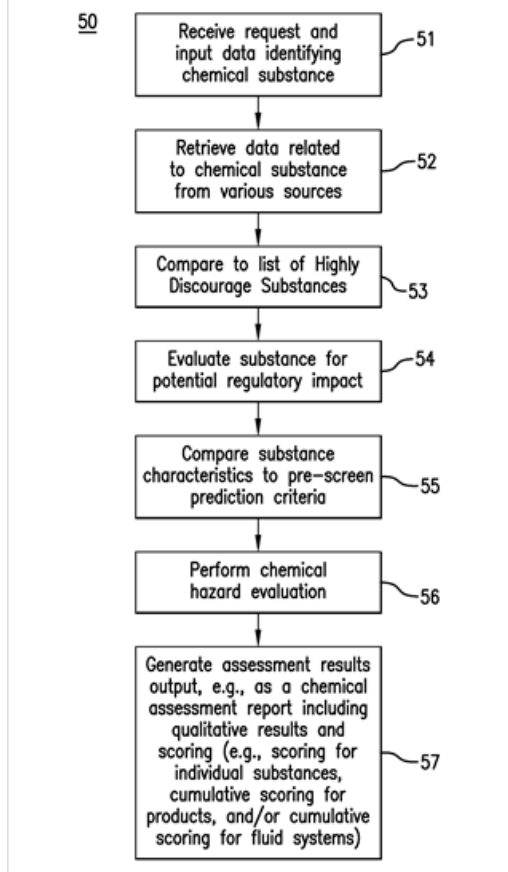
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Cited documents: US7542884 BB, US7171426 BB, US6973362 BB, US6441743 BA, US6097995 A, US2015100533 AA, US2012173444 AA, US2011246397 AA, US2010318371 AA, US2010023359 AA, US2007271299 AA, US2007005264 AA, US2004138826 AA, US2004083060 AA, US2002192671 AA,

Forward Citations: WO19099667, WO17136750, US9799006, US2016025698, US10156556, EP3392814, CN107092811,

Abstract:

A method of assessing chemical products includes: receiving input data including identification of a chemical substance at a processing device; evaluating a regulatory impact of the chemical substance based on at least one of global regulation data, regional regulation data and jurisdiction-specific regulation data, and outputting a regulatory impact assessment; evaluating potential hazards posed by the chemical substance based on available data related to characteristics of the chemical substance, and outputting a chemical hazard assessment; and generating a chemical assessment report indicating potential impact due to use of the chemical substance, the chemical assessment report indicating chemical assessment results that include the regulatory impact assessment and the chemical hazard assessment.

**8) Family number: 51434486 (US2012173444A)**

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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
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

Probable Assignee: LUX RESEARCH INC

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: G06F17/5009 G06Q10/10 G06Q30/018 Y02P90/84 Y02P90/845

European class: G06Q10/10 G06Q30/018

US class: 703/2 705/317 705/317P

[Classification Explorer](#)

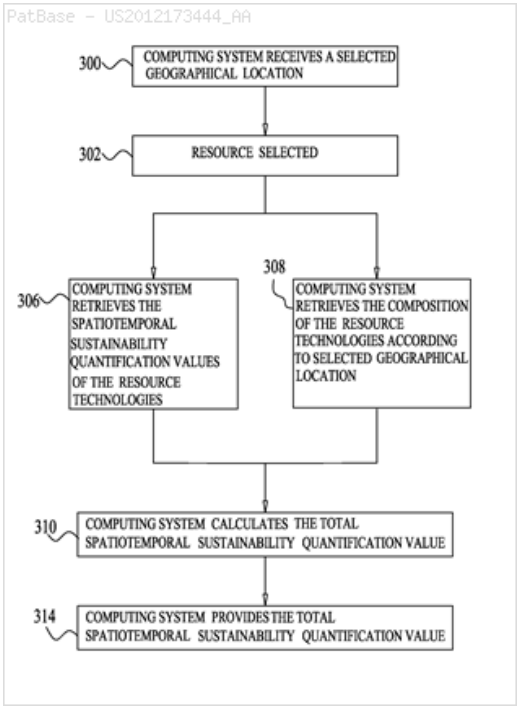
Cited documents: US2010332275 AA, US2010100405 AA, US2009228406 AA, US2009070040 AA,

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



9) Family number: 55191498 (US2013311216A)

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Title:

Priority:

Family:

Probable Assignee:

Assignee(s):(std):

Assignee(s):

Inventor(s):(std):

International class IPC 8-9):

CPC:

US class:

[Classification Explorer](#)

Cited documents:

Forward Citations:

PRODUCT SUSTAINABILITY EVALUATION

US20120473294 20120516

Publication number	Publication date	Application number	Application date
US2013311216 AA	20131121	US20120473294	20120516

SAP SE

KEMMER JOHANN ; ROTHLEY MARTINA ; SAP AG

SAP SE

KEMMER JOHANN ; ROTHLEY MARTINA

G06Q10/00 (Advanced/Invention)

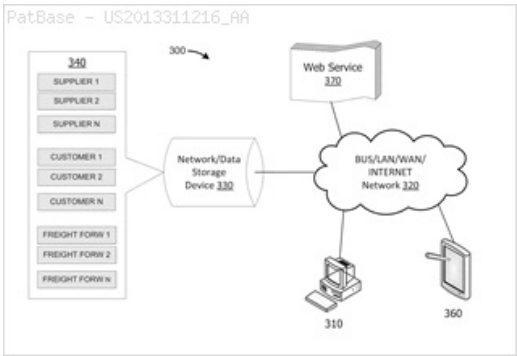
G06Q10/08 Y02P90/84 Y02P90/845

705/7.11

US2013132440 AA, US2012173444 AA, US2005043986 AA, US2002156663 AA,

WO18191434, US2016034909, US2014297558, US2014188752,

Abstract:
A computer implemented method for analyzing sustainability of a product can include configuring one or more criteria relating to production and distribution of the product and weighting the criteria. At least one criteria can relate to the sustainability of the product. The method can include obtaining data relating to the production and the distribution of the product to a customer from at least one supplier. The method can include performing a green distribution analysis on the production and distribution of the product based on the weighted criteria using the obtained data.



10) Family number: 55804524 (US2014052500A)

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Title:	METHOD AND SYSTEM FOR MANAGING SUSTAINABILITY GOALS OF AN ORGANIZATION
Priority:	IN2012CH03379 20120816

Family:	Publication number	Publication date	Application number	Application date
	IN03379CH2012 A	20140221	IN2012CH03379	20120816
	US2014052500 AA	20140220	US20130969454	20130816

Probable Assignee: INFOSYS LTD

Assignee(s):(std): INFOSYS LTD

Inventor(s):(std): VALLAPUZZHA ANANTHALAKSHMI VENKATASUBRAMANIAN ; SUBRAMANIAN LAVANYA

Inventor(s): LAVANYA SUBRAMANIAN ; ANANTHALAKSHMI VENKATASUBRAMANIAN VALLAPUZZHA

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

CPC: G06Q10/0637

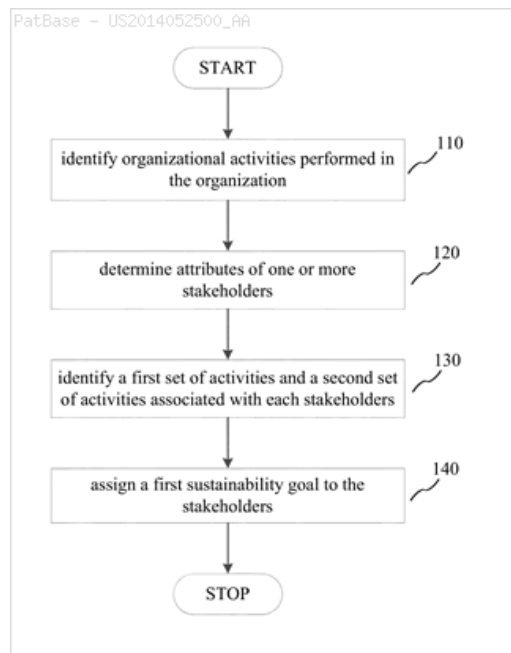
US class: 705/7.36

[Classification Explorer](#)

Cited documents: US2014012553 AA, US2012173444 AA, US2011060616 AA,

Abstract:

The present disclosure discloses an embodiment for managing sustainability goals of an organization. Organizational activities associated with the sustainability goals and performed in the organization are identified. The attributes of the stakeholders of the organization are identified. A first set of activities from the plurality of organizational activities and a second set of activities associated with each of the stakeholders of the organization are determined. Based on the one or more attributes, the first set of activities and the second set of activities, a first sustainability goal to the stakeholders of the organization is assigned. Further, a first set of data corresponding to the first set of activities, a second set of data corresponding to the second set of activities associated with each of the stakeholders are extracted. Based on the first set of data and the second set of data for each of the stakeholders, a personal sustainability index is determined.



11) Family number: 54913814 (US2013262654A)

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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

Probable Assignee: SONY CORP

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

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

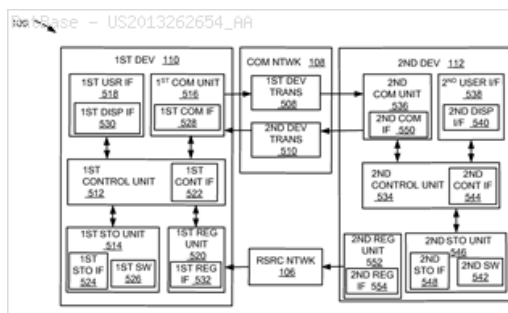
[Classification Explorer](#)

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, US2016033949, 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.

**12) Family number: 32120822 (US2004039684A)**

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Title:	EMISSION REDUCTION TRADING SYSTEM AND METHOD				
Priority:	US20020397401P 20020720	AU20030263792 20030718	JP20040523152 20030718		
	US20030623134 20030718	WO2003US22607 20030718	WO2003US22607 20030718		
	US20040537344 20040115	US20040537344P 20040115	US20050034752 20050114		
	WO2005US01257 20050114	US20060332681 20060112	US20070840482 20070817		
	AU20090202304 20090610	US2009022011P 20090630	US20100824769 20100628		

Family:	Publication number	Publication date	Application number	Application date
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	AU2003263792 AH	20040209	AU20030263792	20030718
	AU2005206910 AA	20050804	AU20050206910	20050114
	AU2005206910 BB	20090423	AU20050206910	20050114
	AU20090202304 AA	20090702	AU20090202304	20090610
	BRPI0312810 A	20050419	BR2003PI12810	20030718
	BRPI0506875 A	20070529	BR2005PI06875	20050114
	CA2560678 AA	20060920	CA20052560678	20050114
	CN1918593 A	20070221	CN200580004954	20050114
	EP1588296 A2	20051026	EP20030765780	20030718
	EP1588296 A4	20071128	EP20030765780	20030718
	EP1704529 A2	20060927	EP20050711475	20050114
	EP1704529 A4	20070110	EP20050711475	20050114
	HK1084746 A1	20060804	HK20060104844	20060424
	HK1084746 A3	20060804	HK20060104844	20060424
	HK1091302 A1	20070112	HK20060112208	20061106
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	JP2006505027 T2	20060209	JP20040523152T	20030718
	JP2007518197 T2	20070705	JP20060549632T	20050114
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	NO20050452 A	20050419	NO20050000452	20050126
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	NO20063656 A	20060814	NO20060003656	20060814
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	RU2331924 C2	20080820	RU20050104564	20030718
	RU2373576 C2	20091120	RU20060129493	20050114
	US2004039684 AA	20040226	US20030623134	20030718
	US2005246190 AA	20051103	US20050034752	20050114
	US2006184445 AA	20060817	US20060332681	20060112
	US2008015976 AA	20080117	US20070840482	20070817
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Probable Assignee: CHICAGO CLIMATE EXCHANGE INC**Assignee(s):(std):** CHICAGO CLIMATE EXCHANGE ; CHICAGO CLIMATE EXCHANGE INC ; CHIKAGO KLAJMAT IKSCHENDZH ; CHIKAGO KLAJMAT IKSCHENDZH INK ; SANDOR RICHARD ; WALSH MICHAEL ; KANAKASABAI MURALI ; SANDOR RICHARD L ; O HARA JEFFREY K**Assignee(s):** ENVIRONMENTAL FINANCIAL PRODUCTS LLC**Inventor(s):(std):** KANAKASABAI MURALI ; KANAKASABAI MURALI ; RICHARD SANDOR ; SANDOR RICHARD ; SANDOR RICHARD L ; MURALI SANDOR RICHARD WALSH MI ; O HARA JEFFREY K ; SEHNDOR RICHARD ; UOLSH MAJL ; WALSH MICHAEL**Inventor(s):** O'HARA JEFFREY K ; SANDOR RICHARD WALSH MICHAEL KANAKASABAI MURALI ; MICHAEL WALSH ; MURALI KANAKASABAI

Agent(s): CULLENS PATENT AND TRADE MARK ATTORNEYS; CULLENS PTY LTD; SPRUSON AND FERGUSON; GOWLING LAFLEUR HENDERSON LLP; CHINA PATENT AGENT HK LTD; WILKINSON AND GRIST; OHTSUKA SUMIE; CHIBA AKIO; ONO SHINJIRO; SHAMOTO ICHIO; TOMITA HIROYUKI; KOBAYASHI YASUSHI; WINSTON AND STRAWN LLP; WINSTON AND STRAWN LLP, PATENT DEPARTMENT; WINSTON AND STRAWN LLP PATENT DEPARTMENT; WINSTON AND STRAWN LLP,PATENT DEPARTMENT; TAUFER PAUL A ET AL

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 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 PE PG PH PL PT RO RS RU 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 YU ZA ZM ZW

International class (IPC 8-9): G06F G06F17/60 G06Q G06Q10/00 G06Q10/06 G06Q30/00 G06Q30/08 G06Q40/00 G06Q99/00 (Advanced/Invention)

International class (IPC 1-7): G06F17/60

CPC: G06Q10/10 G06Q30/06 G06Q10/06395 G06Q50/10 Y02P90/845 G06Q30/08 G06Q40/00 G06Q40/04 Y02P90/90 G06Q50/06 G06Q10/06375 G06Q10/06 G06Q40/02

European class: G06F17/60A G06F17/60B G06Q10/06 G06Q10/06375 G06Q10/10 G06Q30/06 G06Q30/08 G06Q40/00 G06Q40/02 G06Q40/04 G06Q50/06 Y02E40/70 Y04S10/54 Y04S10/58 Y04S50/12

US class: 705/1 705/1.1 705/199 705/37 705/37P 705/37S 705/7 705/7.37 705/7.370P

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Abstract:

An emission reduction trading system and method can include a registry that stores emission allowance and offset holding

information for participants in a greenhouse gas emissions market and a trading platform communicatively coupled to the registry and enabling trades of emission allowances and offsets by participants. The method of conducting trades among participants includes establishing baselines and reduction levels, obtaining emissions information including emissions allowance and offset information, determining on an individual participant basis required purchases and allowed sales, and managing trades among participants to meet the determined required purchases and allowed sales.

