

50 Documents

Publication numbers	Title	Current assignees
CA2959764 A1	Updating execution of tasks of an agricultural prescription	CLIMATE
WO2011150353 A1	Remote management system for equipment	GNM, ...
US20130173321 A1	Methods, apparatus and systems for generating, updating and executing a crop-harvesting plan	AGLYTIX
WO2012101841 A1	Farm work assistance method and farm work assistance device	FUJITSU
US20130124239 A1	Crop yield per location measurer	TRIMBLE NAVIGATION
EP2154864 A2	System and method employing short range communications for communicating and exchanging operational and logistical status information among a plurality of agricultural machines	CNH INDUSTRIAL
US20020065698 A1	System and method for managing a fleet of remote assets	GENERAL ELECTRIC
CA2912054 A1	Seed implement incorporating a down pressure sensing and adjustment system	CNH INDUSTRIAL
CA2422946 A1	Method and system for tracing the identity of an agricultural product using data handoff	DEERE
WO2012120689 A1	Farm work assistance method and farm work assistance device	FUJITSU
US20110113030 A1	Method and system for the use of geospatial data in the development, production, and sale of agricultural seed	DUPONT PIONEER
DE19514223 A1	Method of and device for optimizing operation of agricultural machines	CLAAS OHG
US20020116107 A1	Monitoring system for a fleet of agricultural machines	DEERE
EP1527667 A1	System for guiding a vehicle	DEERE
BR102015024433 A1	Recalling crop-specific performance targets for controlling a mobile machine	DEERE
US20100036696 A1	Agricultural machine and operator performance information systems and related methods	FARMLINK
US20160308954 A1	Systems and methods for efficiently generating a geospatial data map for use in agricultural operations	AGVERDICT
US6199000 B1	Methods and apparatus for precision agriculture operations utilizing real time kinematic global positioning system systems	TRIMBLE NAVIGATION
NL1020804 C2	A system for and a method of performing a first and a second agricultural operation on an agricultural parcel	LELY ENTERPRISES
WO2013103000 A1	Agricultural work support method and agricultural work support device	FUJITSU
US20060190310 A1	System and method for designing effective business policies via business rules analysis	SAP

Publication numbers	Title	Current assignees
US20140278083 A1	System and method for determining a location of an unloaded unit of agricultural product and locating a desired unit of agricultural product	BLUE LEAF IP
US20030028321 A1	Method and apparatus for ultra precise GPS-based mapping of seeds or vegetation during planting	UNIVERSITY OF CALIFORNIA
WO201388539 A1	Harvest assistance method and harvest assistance device	FUJITSU
CA2809839 A1	Methods, apparatus and systems for onsite linking to location-specific electronic records of locate operations	CERTUSVIEW
US20020184078 A1	Priority-based vehicle allocation methods	HONDA MOTOR
GB8604227 D0	Crop processing apparatus.	MASSEY FERGUSON SERVICES
WO2008100634 A1	Method and apparatus to optimize power to maximize performance of wireless mesh sensors and control networks	SIEMENS INDUSTRY
US20080221949 A1	System and method for updating forecast model	IBM
WO201325996 A2	Multidimensional digital platform for building integration and analysis	ROUNDHOUSE ONE
US20060247990 A1	Analysis of multiple assets in view of functionally-related uncertainties	LANDMARK GRAPHICS
US20150363711 A1	Device for rapid operational visibility and analytics automation	FLUTURA BUSINESS SOLUTIONS PRIVATE
US20150186806 A1	Pattern-based analysis recommendation	IBM
WO201350925 A1	Adaptive control of ambience settings	PHILIPS ELECTRONICS
US20150106139 A1	Integrated reporting system	CATERPILLAR
US20140344336 A1	Configurable data accumulators	TOSHIBA GLOBAL COMMERCE SOLUTIONS
US20140358285 A1	Distributed building control system	ABL IP HOLDING
WO2012148934 A1	System, method and computer program product for distributed user activity management	TRANSPARENCY SCIENCES
US20160033946 A1	Building management system analysis	HONEYWELL INTERNATIONAL
CA2914961 A1	System and method for selecting a drilling path based on cost	MOTIVE DRILLING TECHNOLOGIES
US20100268562 A1	System and method for managing resource use	DEERE
US20150198937 A1	Method for operating an appliance and a refrigerator appliance	HAIER US APPLIANCE SOLUTIONS
US8185445 B1	Method for providing background music	DOPA MUSIC
WO201108855 A2	Method of predicting a plurality of behavioral events and method of displaying information	PINCHUK STEVEN G
US20150205277 A1	Drive controller, driving system, and drive control method	MITUTOYO
WO200687730 A1		

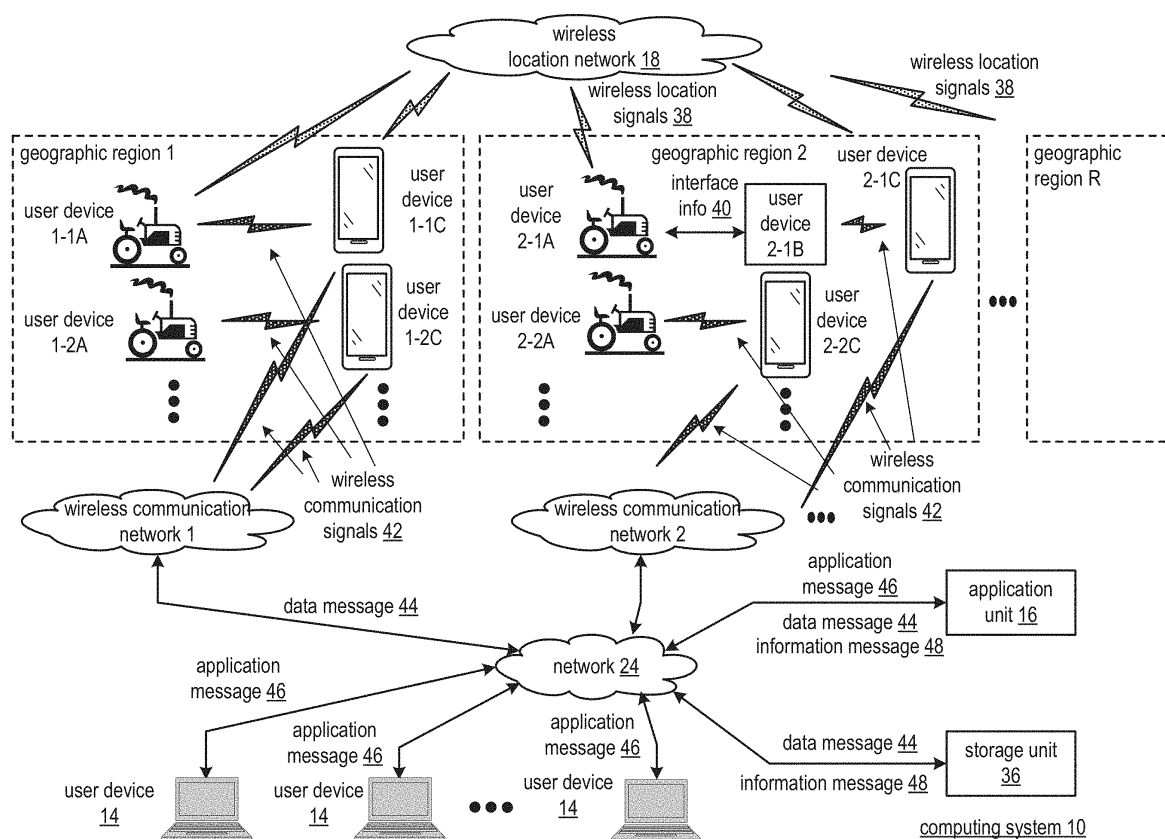
Publication numbers	Title	Current assignees
	A real time business event monitoring, tracking, and execution architecture	INFOSYS TECHNOLOGIES
CA2941026 A1	Agricultural implement and implement operator monitoring apparatus, systems, and methods	CLIMATE
US20140175990 A1	Tracking locations of a computing device and recording locations of sensor units	ENLIGHTED
US20140316577 A1	Apparatus and method for controlling fan	QUANTA COMPUTER
US7321811 B1	Adjustable bed	ASCION

Family 1/50 - FAMPAT - ©Questel

Title

(EP3189480)

Updating execution of tasks of an agricultural prescription

Images**Publication data including kind & date**

CA2959764	A1	2016-03-10	CA2959764
US20160071410	A1	2016-03-10	US20160071410
US20160071223	A1	2016-03-10	US20160071223
US20160066505	A1	2016-03-10	US20160066505
WO2016037105	A1	2016-03-10	WO2016037105
AU2015311729	A1	2017-03-23	AU2015311729
EP3189480	A1	2017-07-12	EP3189480
CN107111795	A	2017-08-29	CN107111795
CL2017000520	A1	2017-11-03	CL0520201700
EP3189480	A4	2017-11-08	EP3189480
US9904963	B2	2018-02-27	US9904963
US20180144413	A1	2018-05-24	US20180144413
BR112017004330	A1	2018-07-24	BR112017004330
BR112017004330	A2	2018-08-07	BR112017004330

**Abstract**

(EP3189480)

A method begins by a computing device allocating a plurality of tasks of an agricultural prescription for a farming geographic area to a fleet of farming equipment. While executing tasks of the plurality of tasks, the method continues with at least some of the fleet of farming equipment collecting task execution data. Based on the task execution data, the method continues with the computing device updating at least one of the agricultural prescription, the plurality of tasks, and the allocation of at least one task of the plurality of tasks.

Inventors

RUPP CRAIG EUGENE

KULL A CORBETT S

MIKELSON CHRISTOPHER SEARS

DUMSTORFF PATRICK LEE

Latest standardized assignees - inventors removed

CLIMATE

Publication dates

2016-03-10

2016-03-10

2016-03-10

2016-03-10

2016-03-10

2017-03-23

2017-07-12

2017-08-29

2017-11-03

2017-11-08

2018-02-27

2018-05-24

2018-07-24

2018-08-07

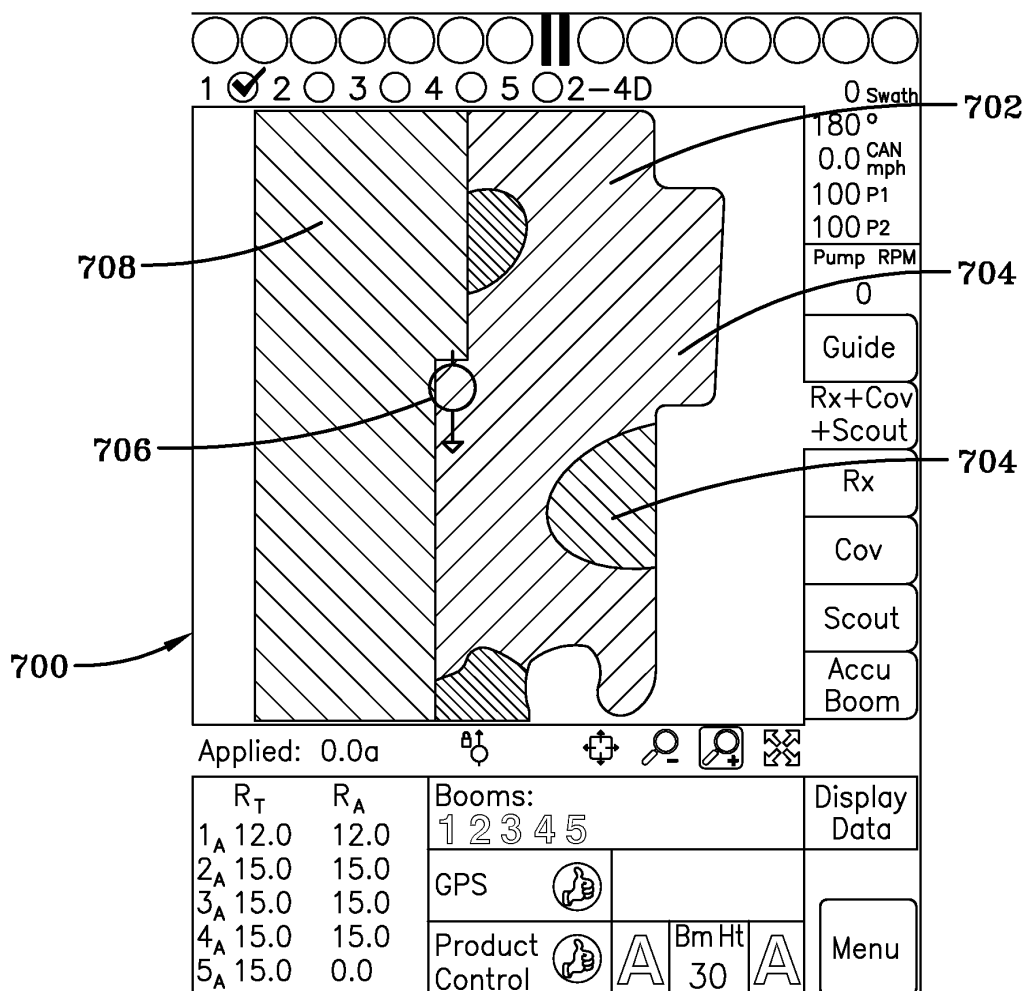
Family 2/50 - FAMPAT - ©Questel

Title

(WO2011150353)

Remote management system for equipment

Images



Publication data including kind & date

WO2011150353	A1	2011-12-01	WO2011150353
WO2011150351	A2	2011-12-01	WO2011150351
US20110295638	A1	2011-12-01	US20110295638
US20110295500	A1	2011-12-01	US20110295500
US20110295460	A1	2011-12-01	US20110295460
WO2011150351	A3	2012-02-02	WO2011150351
US8521372	B2	2013-08-27	US8521372
US20130346129	A1	2013-12-26	US20130346129
US8676620	B2	2014-03-18	US8676620
US8897973	B2	2014-11-25	US8897973
US8924152	B2	2014-12-30	US8924152



Abstract

(WO2011150353)

A system is provided for monitoring system and operational parameters on one or more pieces of machinery or equipment. The system can monitor the pieces of machinery or equipment in real time, i.e., the time delay between the taking of a measurement on a piece of equipment and its subsequent display in the system is within accepted standards, e.g., from about 1 second to about 1 minute depending on the type of measurement or data set being monitored. The system can also permit the tracking of the pieces of machinery or equipment and can enable the transfer, i.e., the sending and/or receiving, of information between the system and the pieces of machinery or equipment.

Inventors

HUNT AARON DALE

DEARBORN JEFFREY ALLEN

Latest standardized assignees - inventors removed

GNM

EFC SYSTEMS

Publication dates

2011-12-01

2011-12-01

2011-12-01

2011-12-01

2011-12-01

2012-02-02

2013-08-27

2013-12-26

2014-03-18

2014-11-25

2014-12-30

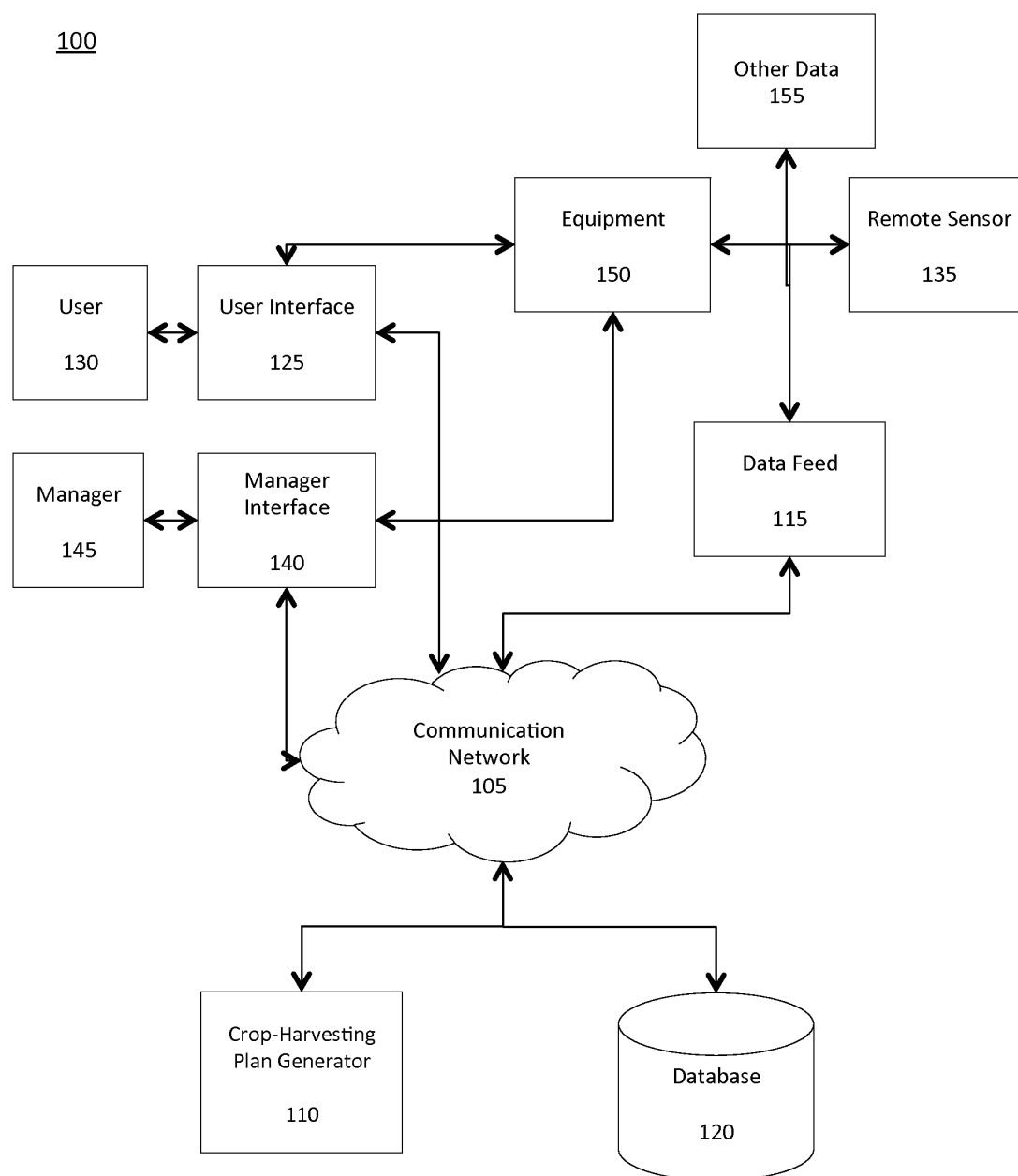
Family 3/50 - FAMPAT - ©Questel

Title

(US20160026940)

Methods, apparatus and systems for generating, updating and executing a crop-harvesting plan

Images

100**Publication data including kind & date**

US20130173321 A1 2013-07-04 US20130173321
 US20160026940 A1 2016-01-28 US20160026940

**Abstract**

(US20160026940)

Crop-harvesting plans automatically generated based on crop-harvesting information received from a variety of sources, such as a user, remote sensor, database, data feed and/or a social network. The crop-harvesting plans may dynamically aid farmers and other production agriculture professionals when determining a crop-harvesting plan and then implementing that crop-harvesting plan. Crop-harvesting plans may include a variety of recommended crop-harvesting practices, logistics, sequences and projected outcomes for the implementation of the recommended crop-harvesting plan.

Inventors

JOHNSON JEROME DALE

Latest standardized assignees - inventors removed

AGLYTIX

Publication dates

2013-07-04

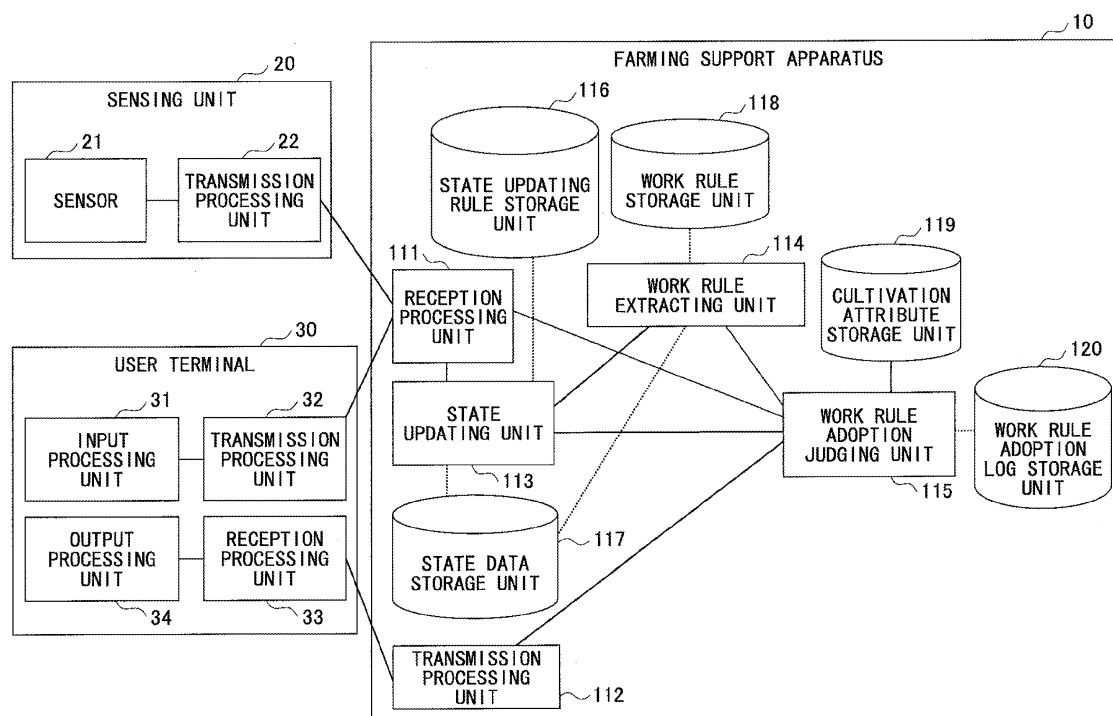
2016-01-28

Family 4/50 - FAMPAT - ©Questel

Title

(WO2012101841)

Farm work assistance method and farm work assistance device

Images**Publication data including kind & date**

WO2012101841	A1	2012-08-02	WO2012101841
JP2012155432	A	2012-08-16	JP2012155432
US20130311218	A1	2013-11-21	US20130311218
JP5861256	B2	2016-02-16	JP5861256

**Abstract**

(WO2012101841)

A computer: receives input either of information denoting the status of a crop or information denoting the status of the environment; extracts, from a definition information storage unit which stores definition information which includes conditions relating to either the status of the crop or the status of the environment and work instructions when the conditions are satisfied, the definition information wherein the conditions match the inputted information denoting the status of the crop or the information denoting the status of the environment; and executes a process which determines whether to adopt the extracted definition information, using an adoption/rejection history storage unit which stores adoption/rejection results of the definition information for each case history of cultivation of the crop.

Inventors

MAEDA JUN

YAGINUMA YOSHINORI

Latest standardized assignees - inventors removed

FUJITSU

Publication dates

2012-08-02

2012-08-16

2013-11-21

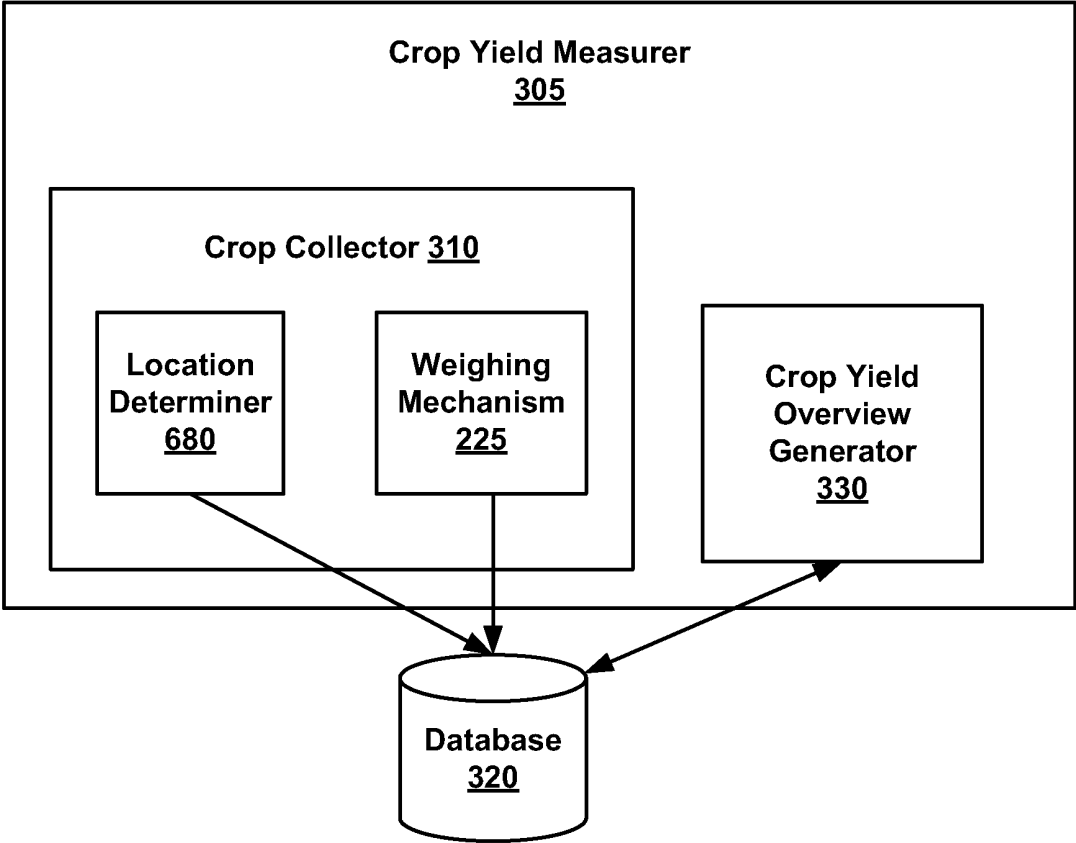
2016-02-16

Family 5/50 - FAMPAT - ©Questel

Title
(EP2779818)

Crop yield per location measurer

Images



Publication data including kind & date

US20130124239	A1	2013-05-16	US20130124239
WO2013074536	A1	2013-05-23	WO201374536
EP2779818	A1	2014-09-24	EP2779818
EP2779818	A4	2015-06-03	EP2779818
EP2779818	B1	2016-10-26	EP2779818



Abstract

(EP2779818)

A measurer for crop yield per location is disclosed.In general, the crop yield measurer includes a crop collector for a field of crops.The crop collector includes a navigation satellite system location determiner to determine location information at periodic times during a crop collection process.The crop collector also includes a weighing mechanism to determine a weight of collected crops at the periodic times during the crop collection process.In addition, a database is used for storing the location information and the weight at the periodic times during the crop collection process.A crop yield overview generator is then utilized to provide a user accessible crop yield per location overview for the field of crops based on the information stored at the database.

Inventors

ROSA URIEL
LANGE ARTHUR F
LINDORES ROBERT J

Latest standardized assignees - inventors removed

TRIMBLE NAVIGATION

Publication dates

2013-05-16

2013-05-23

2014-09-24

2015-06-03

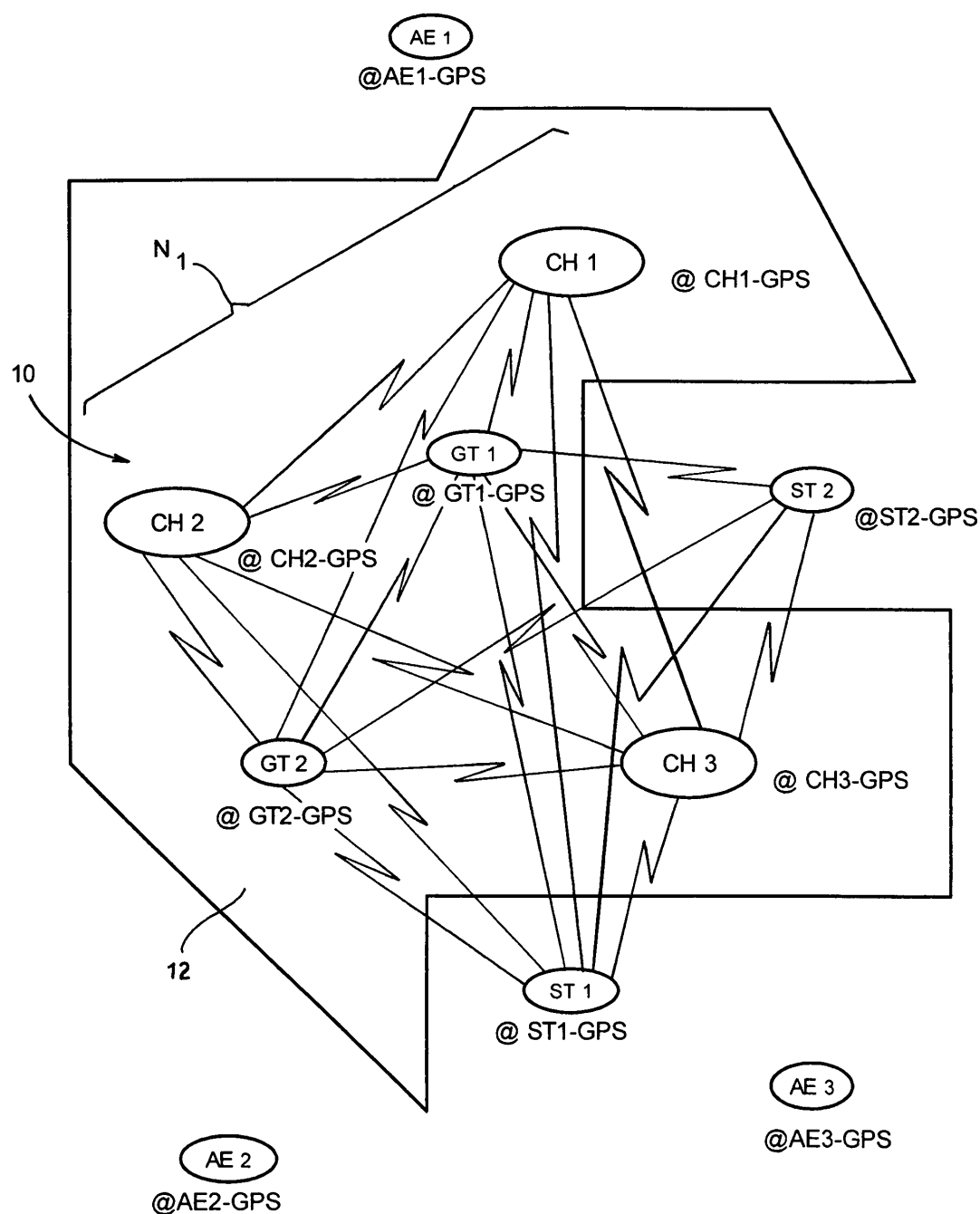
2016-10-26

Family 6/50 - FAMPAT - ©Questel

Title

(EP2154864)

System and method employing short range communications for communicating and exchanging operational and logistical status information among a plurality of agricultural machines

Images

US20100042297	A1	2010-02-18	US20100042297				
US8280595	B2	2012-10-02	US8280595				
EP2154864	A3	2014-06-25	EP2154864				

Abstract

(EP2154864)

A system, and method of use thereof, for enabling short range intercommunication and the exchange of logistical information between and among a plurality of authorized agricultural machines that are designed to be operable in conjunction with one another to effect, as a specific identified group, a given agricultural operation, including a plurality of individual agricultural machines each of which has a communications control portion (36) operable to transmit and receive short distance communications signals and each of which also has authentication credentials associated therewith establishing such machine's entitlement to share in the logistical information and to be considered and treated as a member of the specific identified group involved in the performance of the given agricultural operation, with such individual agricultural machines, when positioned in range of the short distance communications signals of the individual agricultural machines, forming a peer to peer network in which such individual agricultural machines are joined as group members and are operable to effect the distribution over a wireless bus of the peer to peer network of logistical information of a group member of such network.

Inventors

FORSTER CHRISTOPHER

MORSELLI RICCARDO

VANHERCKE OLIVIER

WANG GUOPING

MISSOTTEN BART

PAQUET BERT

POSSELIUS JOHN

Latest standardized assignees - inventors removed

CNH INDUSTRIAL

Publication dates

2010-02-17

2010-02-18

2012-10-02

2014-06-25

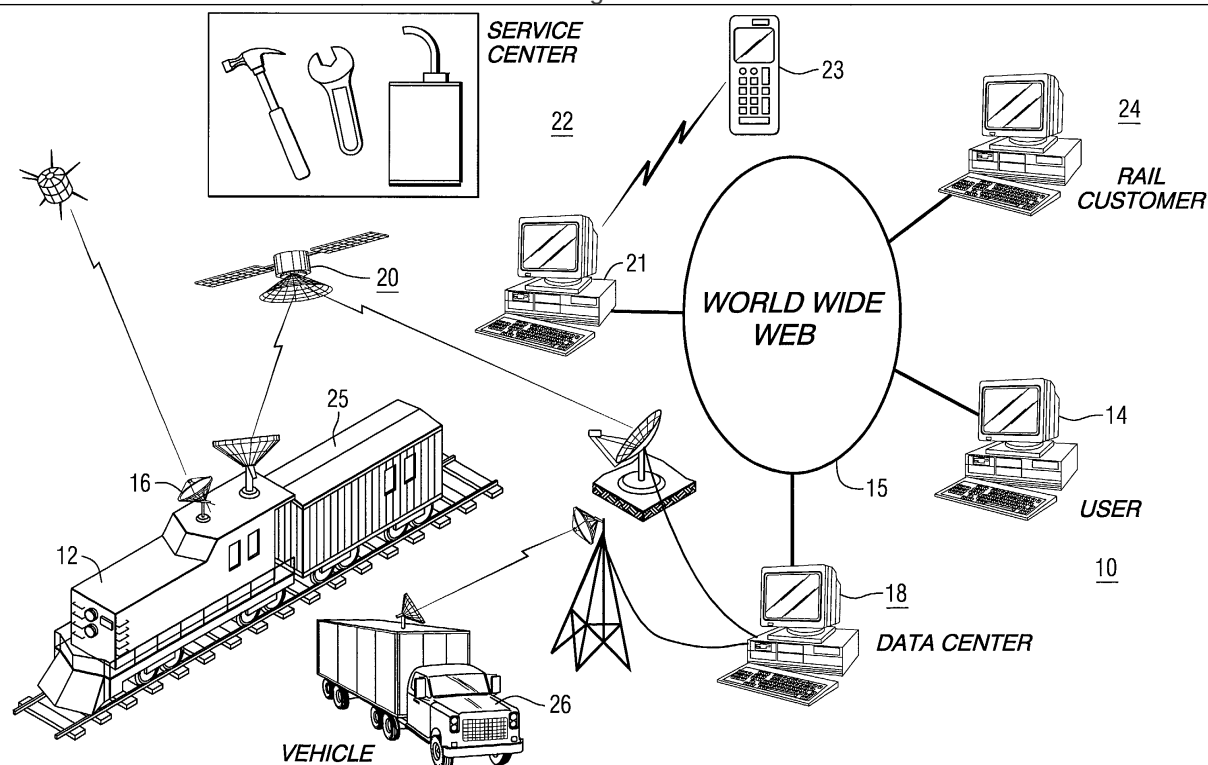
Family 7/50 - FAMPAT - ©Questel

Title

(US7783507)

System and method for managing a fleet of remote assets

Images



Publication data including kind & date

[US20020065698](#)

A1 2002-05-30

US20020065698

[US7783507](#)

B2 2010-08-24

US7783507



Abstract

(US7783507)

Method and system for managing a plurality of remote assets, such as a fleet mobile assets is provided. The method allows for collecting data regarding each of a plurality of remote assets. The collected data is used to develop historical information regarding actual usage of each remote asset. The information is distributed via a global information network.

Inventors

SCHICK LOUIS A

MANGINO KIMBERLEY M

HAMPSON GREGORY JAMES

CUDDIHY PAUL EDWARD

FERA GREGORY JOHN

BLILEY RICHARD GERALD

MENESES LUIS IVAN GOMEZ

PIERRO MICHAEL JAMES

SCHLABACH JAMES E

SCHNEIDER WILLIAM ROY

Latest standardized assignees - inventors removed

GENERAL ELECTRIC

Publication dates

2002-05-30

2010-08-24

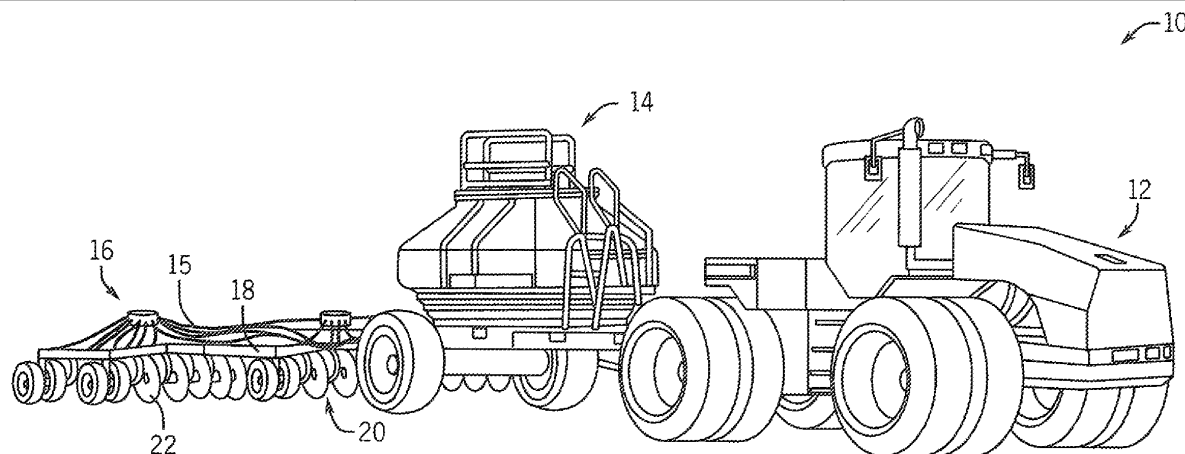
Family 8/50 - FAMPAT - ©Questel

Title

(US9826677)

Seed implement incorporating a down pressure sensing and adjustment system

Images

**Publication data including kind & date**

CA2912054	A1	2016-06-16	CA2912054
US20160165789	A1	2016-06-16	US20160165789
US9826677	B2	2017-11-28	US9826677

**Abstract**

(US9826677)

Data is collected from sensors related to the opener assembly for seeders, such as for discs and hoe drills, in order to better determine how the opener assembly reacts while operating in various conditions and to more precisely control operation of the opener assembly. Accordingly, a control system and a sensor array are utilized to provide automatic and continuous down pressure adjustments (according to a certain user specified range) at various speeds to substantially maintain a relatively constant seed depth. The sensor array could also be monitored and controlled by an operator to control settings (such as with respect to seed depth and/or opener down pressure) of the seeding implement from the cab to provide manual down pressure adjustments at various speeds. In various aspects, seeding speed and/or tractor speed may also be parameters controlled via the sensor feedback according to a certain user specified range of sensor variation.

Inventors

GERVAIS JOEL

HENRY JAMES W

Latest standardized assignees - inventors removed

CNH INDUSTRIAL

Publication dates

2016-06-16

2016-06-16

2017-11-28

Family 9/50 - FAMPAT - ©Questel

Title

(EP1488351)

Method and system for tracing the identity of an agricultural product using data handoff

Images

Abstract

(EP1488351)

Initial data is acquired on an agricultural product associated with a harvesting time. The acquired initial data is transmitted (e.g., handed off) via an electromagnetic signal or wireless communication to an intermediate data processing system (311) associated with a handler of the agricultural product. Additional data is appended to the acquired initial data received at the intermediate data processing system (311) to form composite data. The composite data is transmitted via an electromagnetic signal or wireless communication to at least one of a receiver (315) and a data processing system (313) for processing or storing the composite data. The composite data is transferred to or made available to a data management system (30), which may be accessible to one or more users who seek access to at least one of the initial data, the additional data, and the composite data on the agricultural product or a derivative thereof.

Inventors

BECK ANDY D

PICKETT TERENCE D

NELSON FREDERICK W

WAGNER THOMAS K

Latest standardized assignees - inventors removed

DEERE

Publication dates

2003-09-20

2003-09-20

2003-09-20

2003-09-24

2003-09-24

2003-09-24

2003-09-25

2003-09-25

2003-09-25

2003-10-02

2003-10-02

2003-10-08

2003-10-08

2003-12-30

2004-01-22

2004-02-10

2004-03-25

2004-05-06

2004-12-22

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2006-08-24

2006-11-30

2010-07-13

2010-07-20

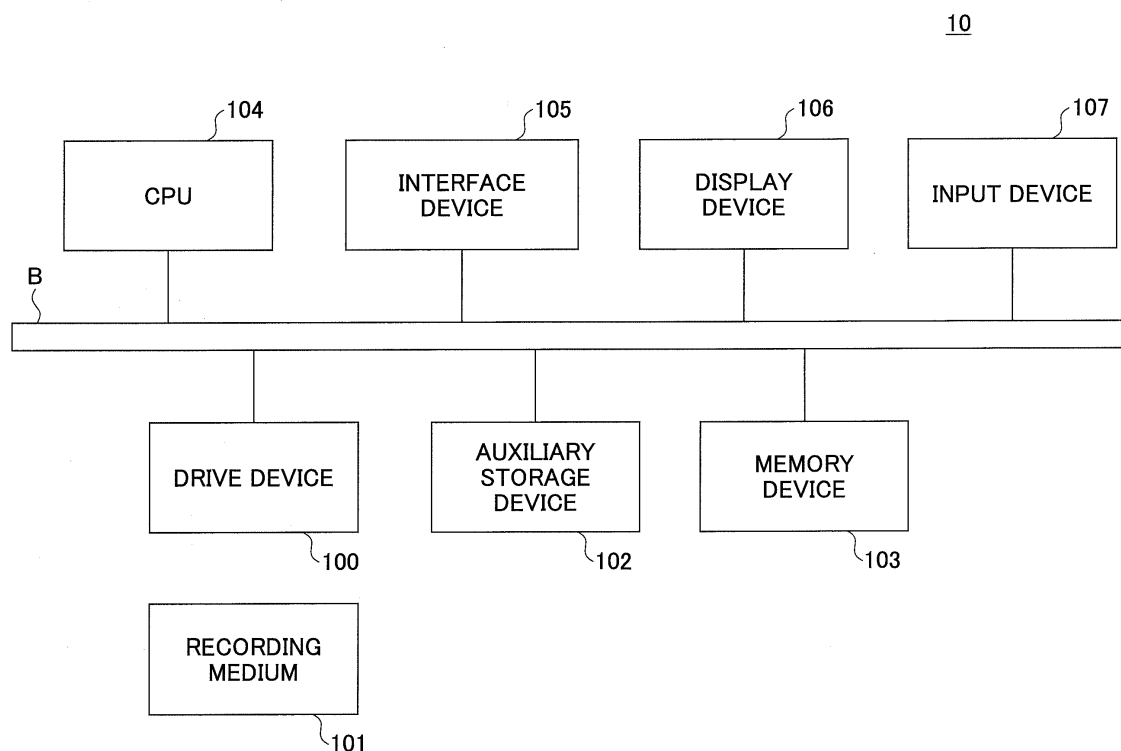
Family 10/50 - FAMPAT - ©Questel

Title

(WO2012120689)

Farm work assistance method and farm work assistance device

Images



Publication data including kind & date

WO2012120689	A1	2012-09-13	WO2012120689
CN103380439	A	2013-10-30	CN103380439
US20130317872	A1	2013-11-28	US20130317872
JPWO2012120689	A1	2014-07-07	JP2012120689W
JP5582245	B2	2014-09-03	JP5582245
CN103380439	B	2017-09-12	CN103380439B



Abstract

(WO2012120689)

A farm work assistance method comprising the steps of: detecting the arrival of the time to evaluate performed farm work on the basis of a performance time stored by a work history storage unit for each instance of farm work that has been performed, and on the basis of a method for calculating the time to evaluate the results of the farm work, the method being stored by a calculation method storage unit using the performance time as a reference; and performing a computer process for outputting instructions for evaluating the results related to the farm work for which the arrival of the time to evaluate the farm work has been detected.

Inventors

NAKAMICHI KOJI

Latest standardized assignees - inventors removed

FUJITSU

Publication dates

2012-09-13

2013-10-30

2013-11-28

2014-07-07

2014-09-03

2017-09-12

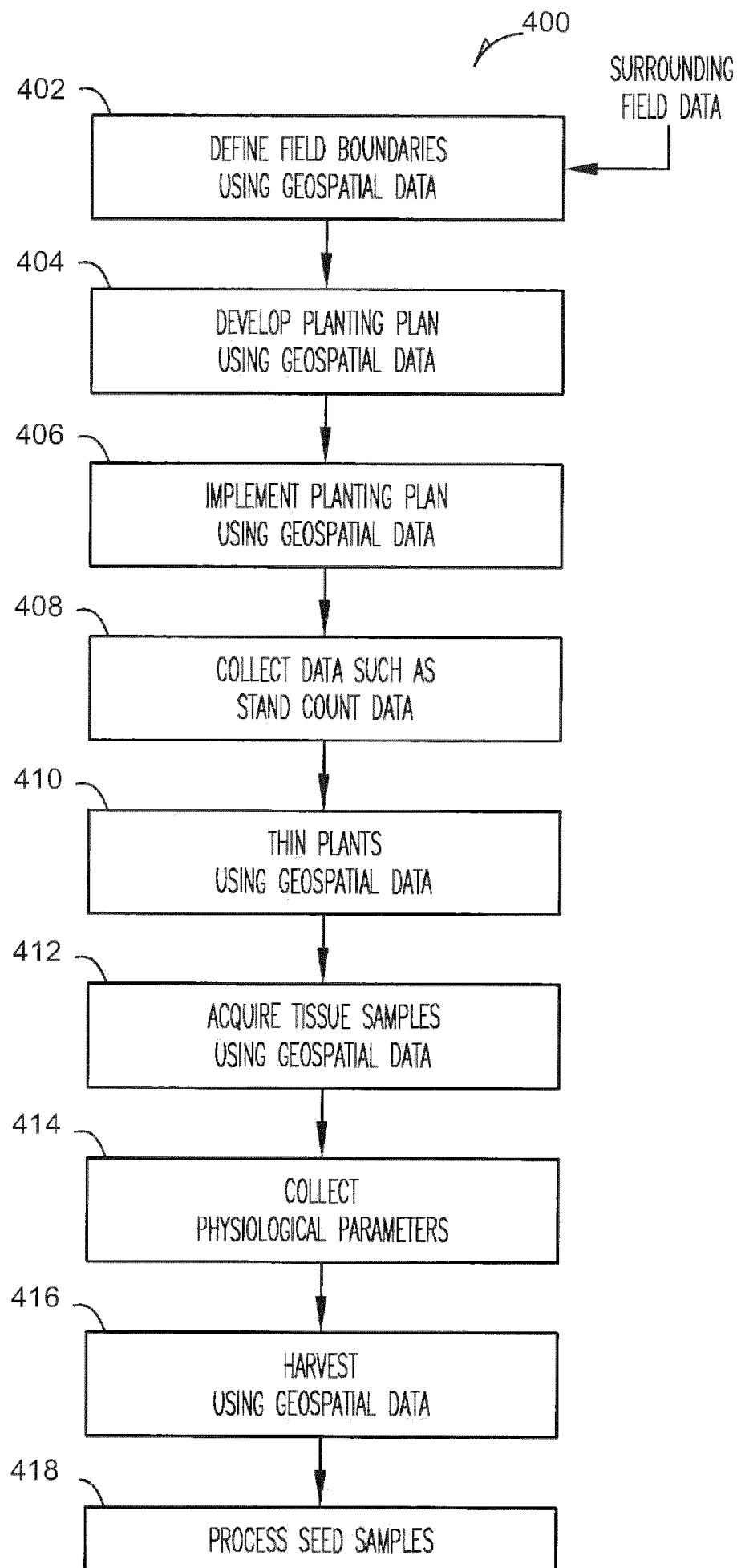
Family 11/50 - FAMPAT - ©Questel

Title

(US8862630)

Method and system for the use of geospatial data in the development, production, and sale of agricultural seed

Images



Publication data including kind & date

US20110113030	A1	2011-05-12	US20110113030
US8862630	B2	2014-10-14	US8862630

**Abstract**

(US8862630)

A system for aggregating data obtained from different organizations within a seed company or within multiple seed companies is provided. The system may receive seed product development data from a seed product development source, seed production data from a seed production source, and/or seed sales and/or marketing data from a seed sales and/or marketing source. The data may be aggregated in a central storage unit based on the geospatial data associated with the received data. The aggregated data may then be accessed and/or output in response to a query and/or algorithm.

Inventors

HUNTER JAMES L
CORAK STEVEN J
LANGTON STEVEN
LANGER DAVID K
SPICER MARK W

Latest standardized assignees - inventors removed

DUPONT PIONEER

Publication dates

2011-05-12

2014-10-14

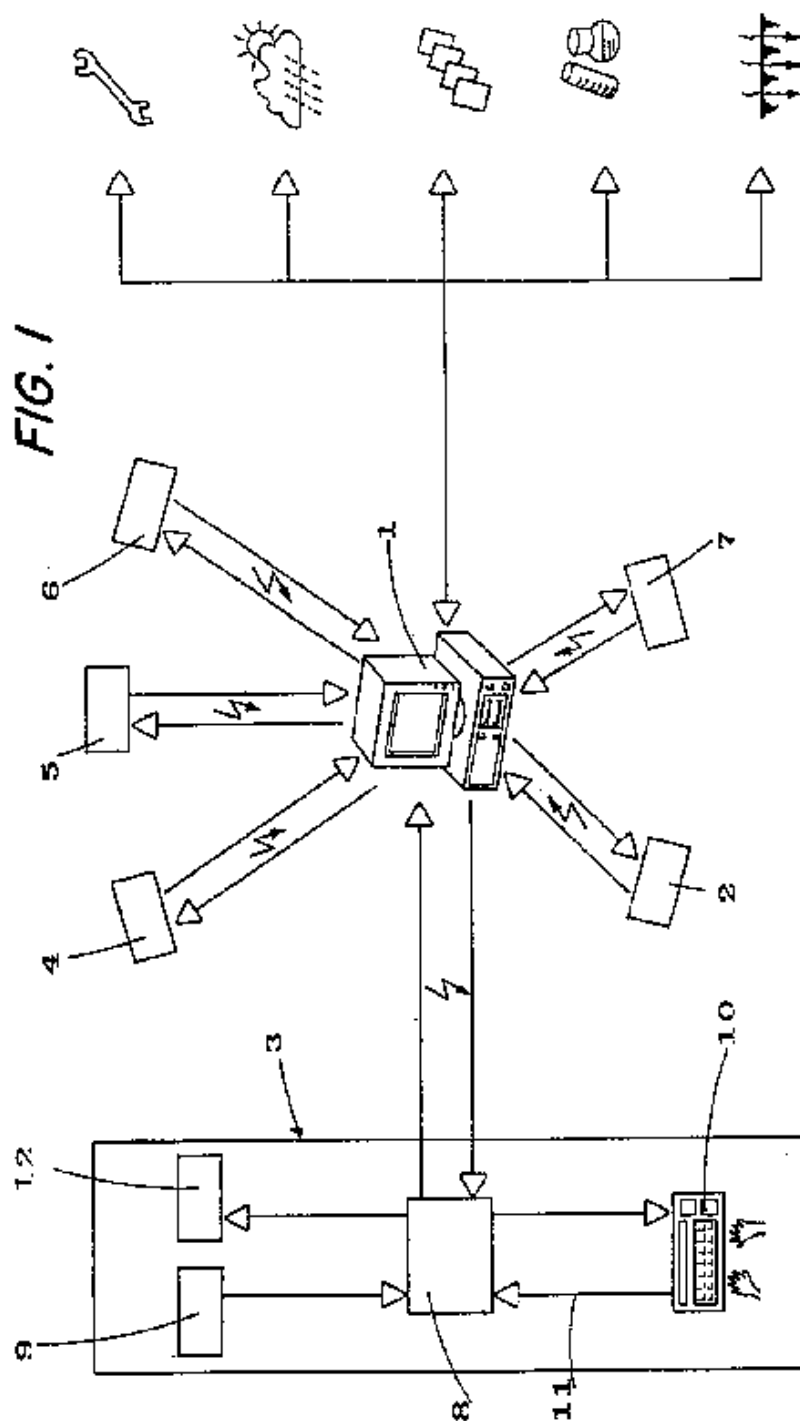
Family 12/50 - FAMPAT - ©Questel

Title

(EP-740896)

Method of and device for optimizing operation of agricultural machines

Images



Publication data including kind & date

DE19514223	A1	1996-10-17	DE19514223
EP0740896	A2	1996-11-06	EP-740896
US5712782	A	1998-01-27	US5712782
EP0740896	A3	2002-05-15	EP-740896
DE19514223	B4	2005-06-23	DE19514223
EP0740896	B1	2007-12-12	EP-740896
DE59611451	D1	2008-01-24	DE59611451
DK0740896	T3	2008-05-05	DK-740896T



Abstract

(EP-740896)

A central computer (1) exchanges telemetric data with computers (8) on the separate pieces of agricultural machinery. The exchanged data is categorised after being processed and stored. The data is then further processed or stored according to the category selected. The data detected at the central computer is used to complete data which is not available in the individual agricultural machines to optimise the operation of the internal optimising circuits in the individual machines. The central computer also has access to software and other data in addition to the data received from the different pieces of agricultural machinery.

Inventors

WEIGELT HORST DR

WIPPERSTEG H H

BOETTINGER STEFAN DR

STECKEL THILO

Latest standardized assignees - inventors removed

CLAAS OHG

Publication dates

1996-10-17

1996-11-06

1998-01-27

2002-05-15

2005-06-23

2007-12-12

2008-01-24

2008-05-05

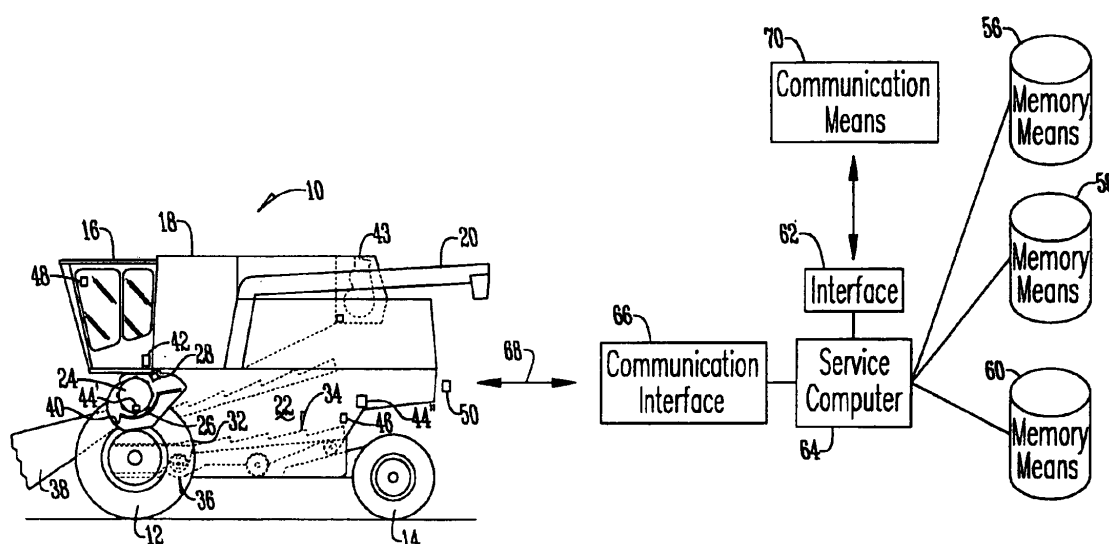
Family 13/50 - FAMPAT - ©Questel

Title

(WO200358561)

Monitoring system for a fleet of agricultural machines

Images



Publication data including kind & date

US20020116107	A1	2002-08-22	US20020116107
BRPI0300025	A1	2003-03-18	BR200300025
CA2416000	A1	2003-07-10	CA2416000
WO03058561	A2	2003-07-17	WO200358561



CN1439241	A	2003-09-03	CN1439241				
WO03058561	A3	2004-04-01	WO200358561				
BR0300025	A	2004-08-03	BR200300025				
AR038277	A1	2005-01-12	AR--38277				
US20050096810	A1	2005-05-05	US20050096810				
US6941208	B2	2005-09-06	US6941208				
AU2003200068	B2	2007-03-29	AU2003200068				
CA2416000	C	2007-07-10	CA2416000				
BRPI0300025	A2	2015-02-24	BR200300025				

Abstract

(WO200358561)

The invention relates to a remote monitoring system for a fleet of agricultural machines (10). The inventive system is characterised in that it comprises monitoring means for monitoring agricultural machines belonging to a fleet of agricultural machines (10), said monitoring means being able to detect operating errors; transmission means which are connected to the monitoring means and can be operated in such a way that they automatically send detected error information to a server (64); and manager information means which can be operated in such a way that they automatically transmit error information relating to a machine (10) of the fleet, from the server (64) to a fleet manager responsible for the fleet in terms of ownership, maintenance or service.

Inventors

MAHONEY BRIAN JOSEPH

COLVIN STEVEN LEE

RUTZ ARNOLD

LANG STEPHEN PAUL

Latest standardized assignees - inventors removed

DEERE

Publication dates

2002-08-22

2003-03-18

2003-07-10

2003-07-17

2003-09-03

2004-04-01

2004-08-03

2005-01-12

2005-05-05

2005-09-06

2007-03-29

2007-07-10

2015-02-24

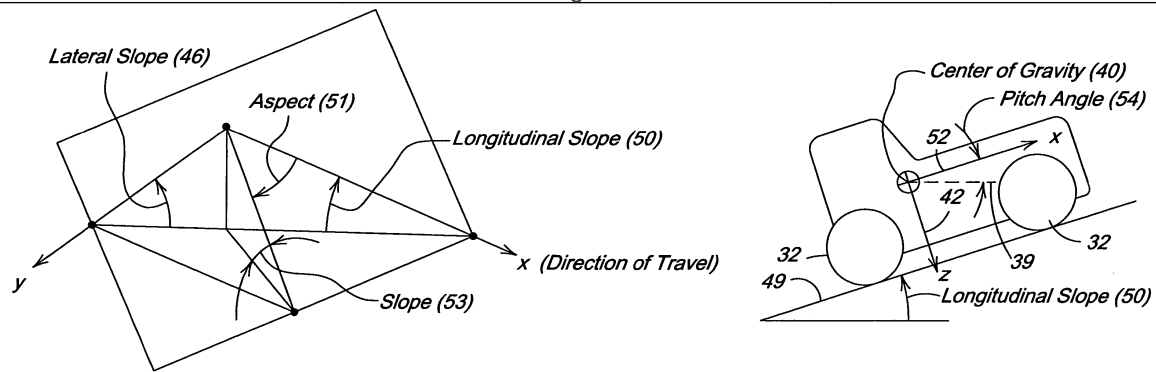
Family 14/50 - FAMPAT - ©Questel

Title

(EP1527667)

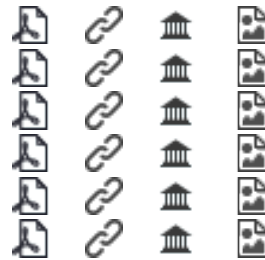
System for guiding a vehicle

Images



Publication data including kind & date

EP1527667	A1	2005-05-04	EP1527667
US20050096802	A1	2005-05-05	US20050096802
US7593798	B2	2009-09-22	US7593798
US20090292412	A1	2009-11-26	US20090292412
US7844380	B2	2010-11-30	US7844380
EP1527667	B1	2013-04-24	EP1527667



Abstract

(EP1527667)

The control system for agricultural and construction vehicles comprises a data storage unit (18) which contains height and position data for the area being worked on. A detector (12) measures the position of the vehicle and a data processing unit (20) calculates roll and pitch angles for the vehicle and steers it in the correct direction based on these values.

Inventors

HAN SHUFENG

REID JOHN FRANKLIN

PICKETT TERENCE DANIEL

Latest standardized assignees - inventors removed

DEERE

Publication dates

2005-05-04

2005-05-05

2009-09-22

2009-11-26

2010-11-30

2013-04-24

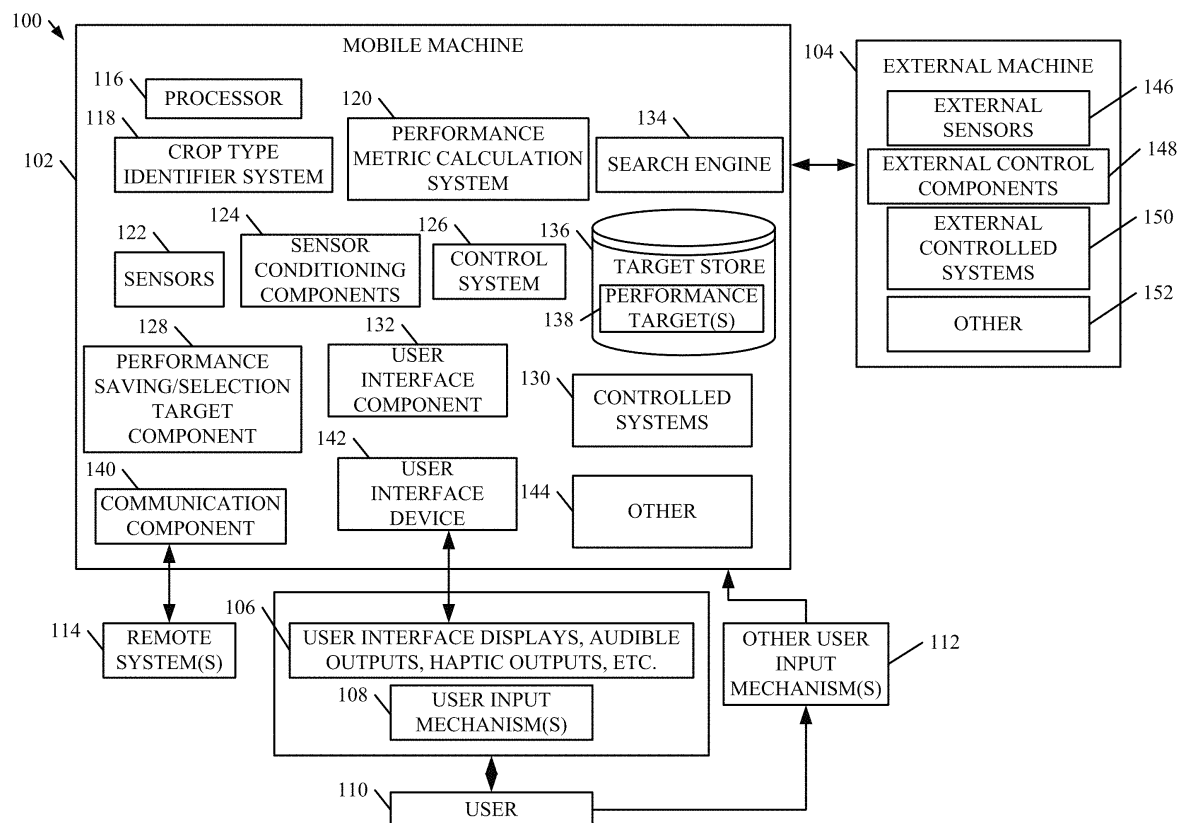
Family 15/50 - FAMPAT - ©Questel

Title

(US9934538)

Recalling crop-specific performance targets for controlling a mobile machine

Images



Publication data including kind & date

BR102015024433	A1	2015-10-06	BR102015024433
US20160086291	A1	2016-03-24	US20160086291
DE102015216081	A1	2016-03-24	DE102015216081
BR102015024433	A2	2016-05-24	BR102015024433
DE102015216081	B4	2017-01-19	DE102015216081
US9934538	B2	2018-04-03	US9934538



Abstract

(US9934538)

Machine sensor inputs are received, and a set of performance metrics are calculated based upon the sensor inputs. The set of performance metrics are stored as a performance target along with one or more additional performance targets. One of the performance targets is retrieved and the machine automatically generates an action signal indicative of machine setting adjustments that can be made in order to control operation of the machine to more closely conform to the retrieved performance target.

Inventors

HUNT TIMOTHY S

Latest standardized assignees - inventors removed

DEERE

Publication dates

2015-10-06

2016-03-24

2016-03-24

2016-05-24

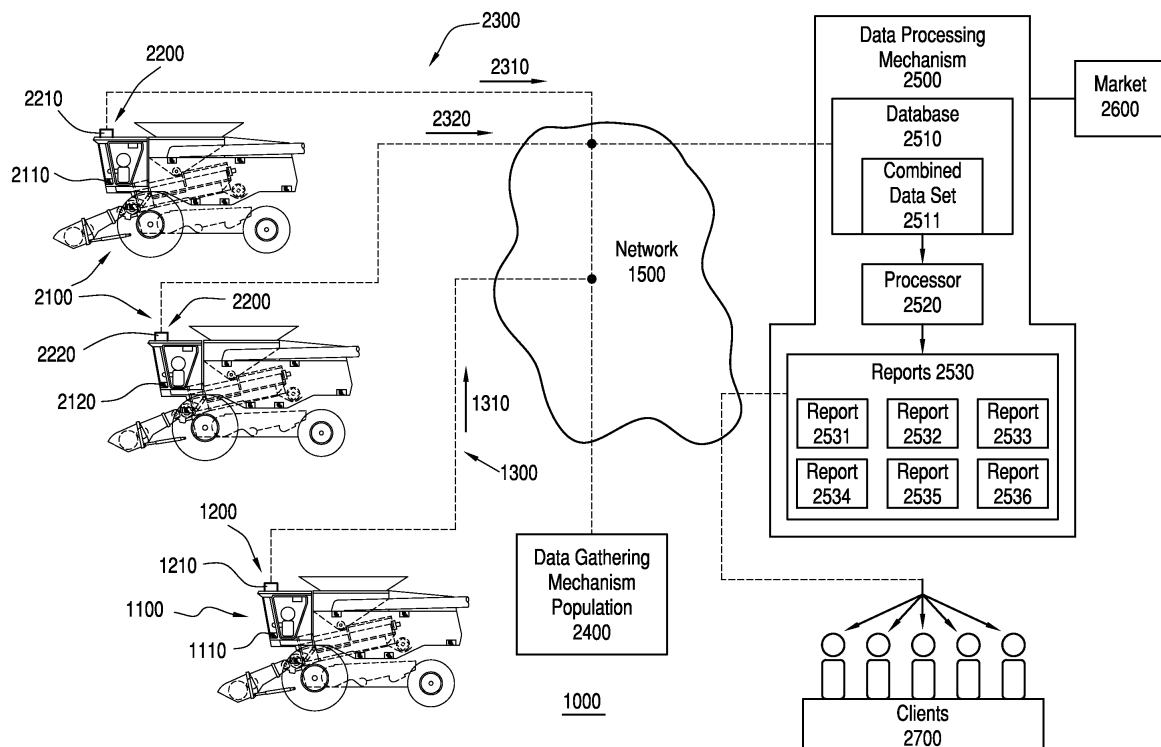
2017-01-19

2018-04-03

(EP2465064)

Agricultural machine and operator performance information systems and related methods

Images



Publication data including kind & date

US20100036696	A1	2010-02-11	US20100036696
WO2011019453	A1	2011-02-17	WO201119453
CA2752888	A1	2011-02-17	CA2752888
AU2010282934	A1	2011-09-22	AU2010282934
EP2465064	A1	2012-06-20	EP2465064
BRPI1014190	A1	2012-12-04	BR201014190
AU2010282934	B2	2013-11-07	AU2010282934
US20140249893	A1	2014-09-04	US20140249893
EP2465064	A4	2014-09-24	EP2465064
US9152938	B2	2015-10-06	US9152938
BRPI1014190	A2	2016-04-26	BR201014190
BRPI1014190	A2	2016-04-26	BRPI1014190



Abstract

(EP2465064)

In one example, a system can comprise a first data gathering mechanism set and a data processing mechanism set. The a first data gathering mechanism set can be configured to gather a first operational data set during operation of a first agricultural machine set, and to transmit the first operational data set to a network. The first operational data set can comprise information representative of one or more characteristics of an agricultural crop during production. The a data processing mechanism can be configured to store a combined data set comprising the first operational data set, and generate one or more reports based on the combined data set. Other embodiments and related methods are also disclosed herein.

Inventors

LANG JAY

MORRIS LANDON

MAYES WILLIAM C

Latest standardized assignees - inventors removed

FARMLINK

Publication dates

2010-02-11

2011-02-17

2011-02-17

2011-09-22

2012-06-20

2012-12-04

2013-11-07

2014-09-04

2014-09-24

2015-10-06

2016-04-26

2016-04-26

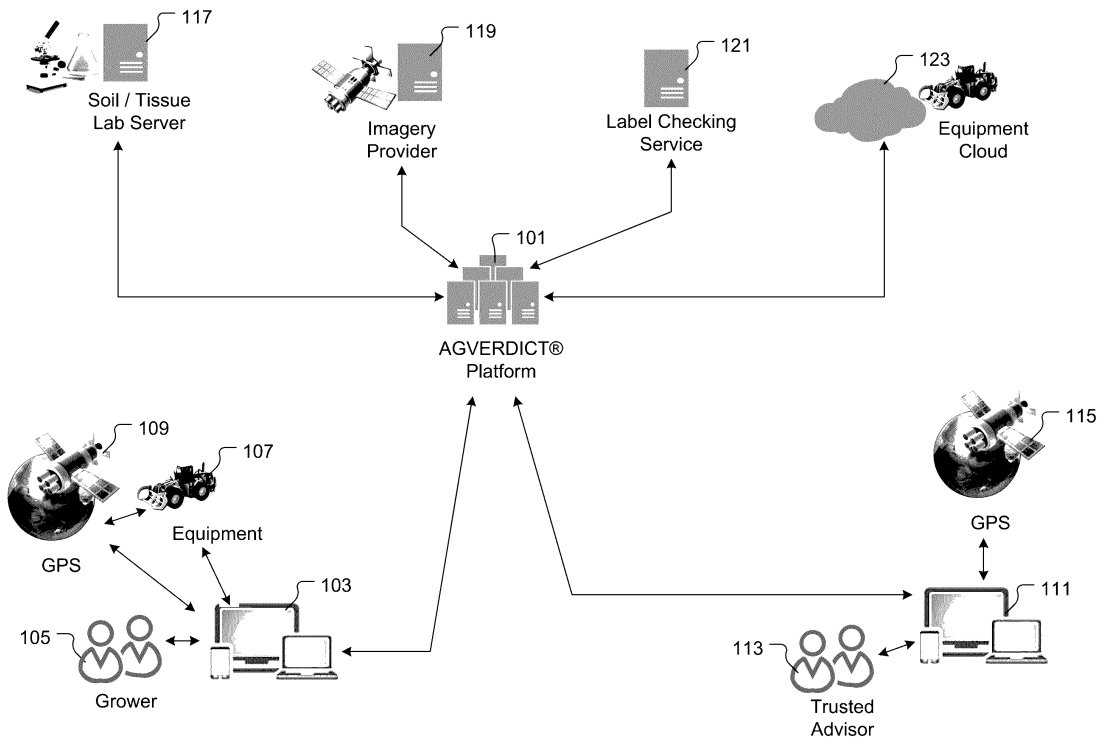
Family 17/50 - FAMPAT - ©Questel

Title

(US9813512)

Systems and methods for efficiently generating a geospatial data map for use in agricultural operations

Images



Publication data including kind & date

US20160308954	A1	2016-10-20	US20160308954
US20170041407	A1	2017-02-09	US20170041407
US9667710	B2	2017-05-30	US9667710
US20170257426	A1	2017-09-07	US20170257426
US9813512	B2	2017-11-07	US9813512



Abstract

(US9813512)

A data receiving module receives sampled agricultural-related data associated with a given geographic area. An analysis module processes the received sampled agricultural-related data to generate a sub-sampled raster of agricultural-related data over the given geographic area. The analysis module processes the sub-sampled raster of agricultural-related data to generate a final output raster of agricultural-related data over the given geographic area. The final output raster has a higher resolution than the sub-sampled raster. A geospatial data map generation module generates image data that when used to control a display of a remote subscriber computing device causes the display to show a geospatial data map based on the final output raster of agricultural-related data over the given geographic area. A communication module transmits instructions including the generated image data to the remote subscriber computing device to cause processing of the image data to display the geospatial data map on the display.

Inventors

WILBUR MICHAEL

ELLSWORTH JASON

OOMMEN TOJI

MOHAPATRA ADARSHA

THAYER DAVID

Latest standardized assignees - inventors removed

AGVERDICT

Publication dates

2016-10-20

2017-02-09

2017-05-30

2017-09-07

2017-11-07

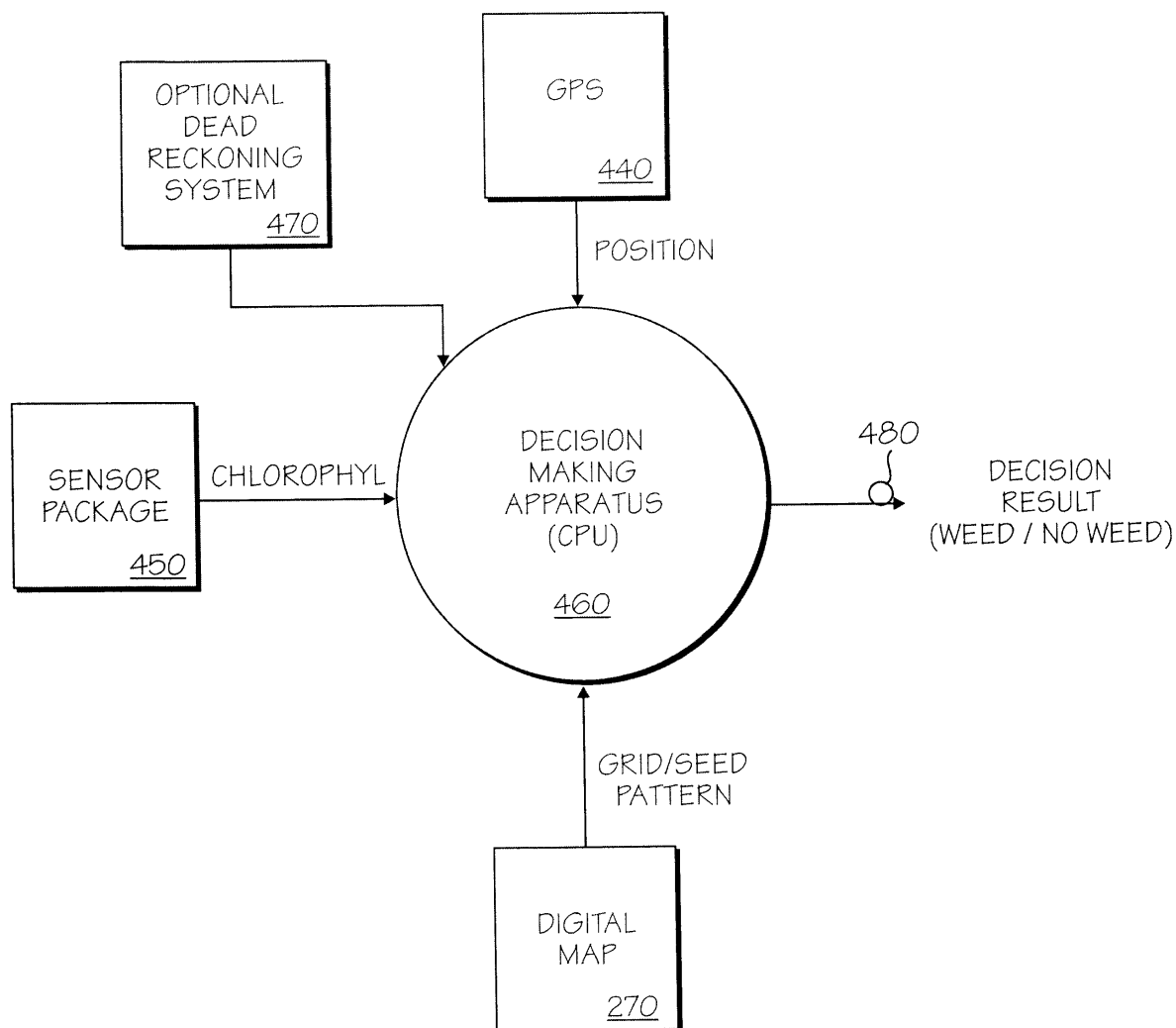
Family 18/50 - FAMPAT - ©Questel

Title

(US6553299)

Methods and apparatus for precision agriculture operations utilizing real time kinematic global positioning system systems

Images



Publication data including kind & date

US6199000	B1	2001-03-06	US6199000
US6553299	B1	2003-04-22	US6553299
US20030187560	A1	2003-10-02	US20030187560



Abstract

(US6553299)

Real time kinematic (RTK) global positioning system (GPS) technology is integrated with precision farming methodologies to provide highly accurate seeding, cultivating, planting and/or harvesting operations. RTK GPS systems are used to control fully or semi-autonomous vehicles in these operations and may allow for precision planting of seeds (e.g., from a seeder equipped with an RTK GPS receiver and related equipment) and/or precision weed removal (e.g., using a vehicle fitted with weed eradication mechanisms such as augers and/or herbicide sprayers). Crop specific fertilizer/pesticide application is also enabled through the use of centimeter-level accurate positioning techniques.

Inventors

KELLER RUSSELL J
NICHOLS MARK E
LANGE ARTHUR F

Latest standardized assignees - inventors removed

TRIMBLE NAVIGATION

Publication dates

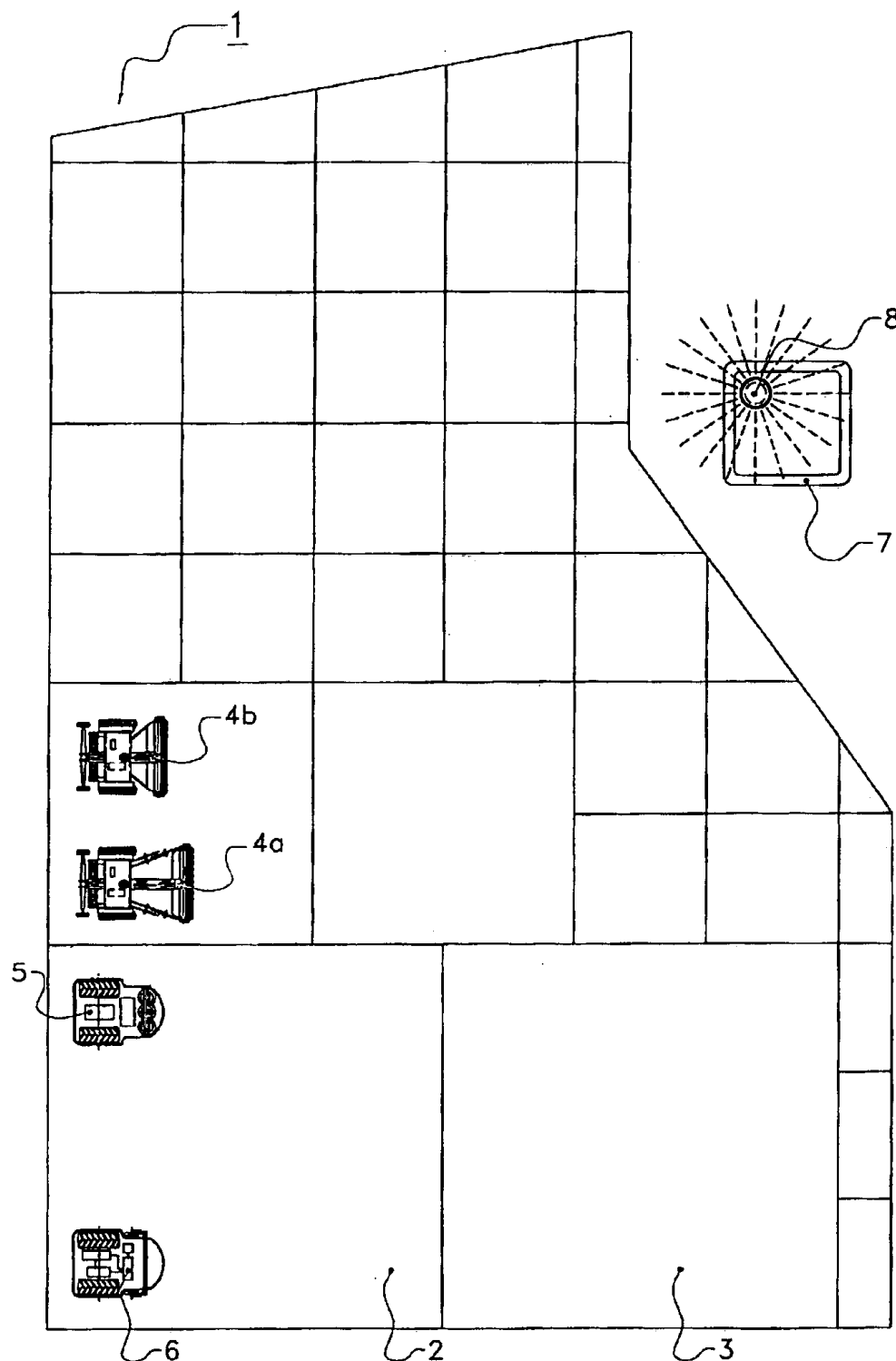
2001-03-06
2003-04-22
2003-10-02

Family 19/50 - FAMPAT - ©Questel

Title

(EP1369013)

A system for and a method of performing a first and a second agricultural operation on an agricultural parcel

Images**Publication data including kind & date**

NL1020804

C2 2003-12-09

NL1020804

EP1369013

A1 2003-12-10

EP1369013

US20030229435

A1 2003-12-11

US20030229435



US6915197	B2	2005-07-05	US6915197
EP1369013	B1	2008-02-27	EP1369013
DE60319302	D1	2008-04-10	DE60319302
DE60319302	T2	2009-02-19	DE60319302

**Abstract**

(EP1369013)

A system for performing a first and a second agricultural operation on an agricultural parcel. The system is provided with a first autonomous agricultural machine (5) for performing the first agricultural operation, with a second autonomous agricultural machine (6) for performing the second agricultural operation, a control-unit (7) for controlling the agricultural operations to be performed, the control-unit (7) being suitable for subdividing the agricultural parcel into at least a first and a second parcel portion, and for first performing the first and the second agricultural operations on the first parcel portion, and subsequently on the second parcel portion. <IMAGE>

Inventors

VAN DER LELY ALEXANDER

Latest standardized assignees - inventors removed

LELY ENTERPRISES

Publication dates

2003-12-09

2003-12-10

2003-12-11

2005-07-05

2008-02-27

2008-04-10

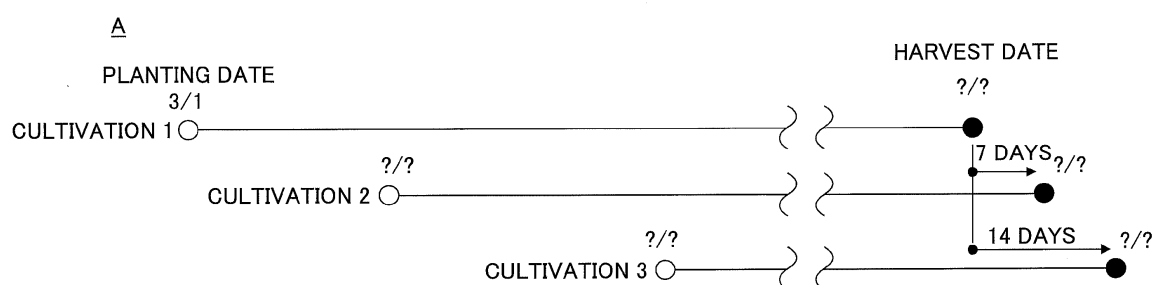
2009-02-19

Family 20/50 - FAMPAT - ©Questel

Title

(WO2013103000)

Agricultural work support method and agricultural work support device

Images**Publication data including kind & date**

WO2013103000	A1	2013-07-11	WO2013103000
KR20140088898	A	2014-07-11	KR20140088898
US20140249874	A1	2014-09-04	US20140249874
JPWO2013103000	A1	2015-05-11	JP2013103000W
JP5772986	B2	2015-09-02	JP5772986
KR101820567	B1	2018-01-19	KR101820567

**Abstract**

(WO2013103000)

In the present invention, a computer executes the following processes: calculating a predicted harvest date for a first cultivation of agricultural crops on the basis of actual values, stored by a storage unit, for weather conditions from the start date of the first cultivation until the current date, and predicted values, stored by the storage unit, for weather conditions on and subsequent to the current date; calculating a predicted harvest date for a second cultivation of agricultural crops on the basis of the predicted values, stored by a storage unit, for weather conditions on and subsequent to the current date; and in a case where the interval between the predicted harvest date for the first cultivation and the predicted harvest date for the second cultivation is more than a predetermined number of days, setting the current date as the start date for the second cultivation.

Inventors

ASAI MASAFUMI

Latest standardized assignees - inventors removed

FUJITSU

Publication dates

2013-07-11

2014-07-11

2014-09-04

2015-05-11

2015-09-02

2018-01-19

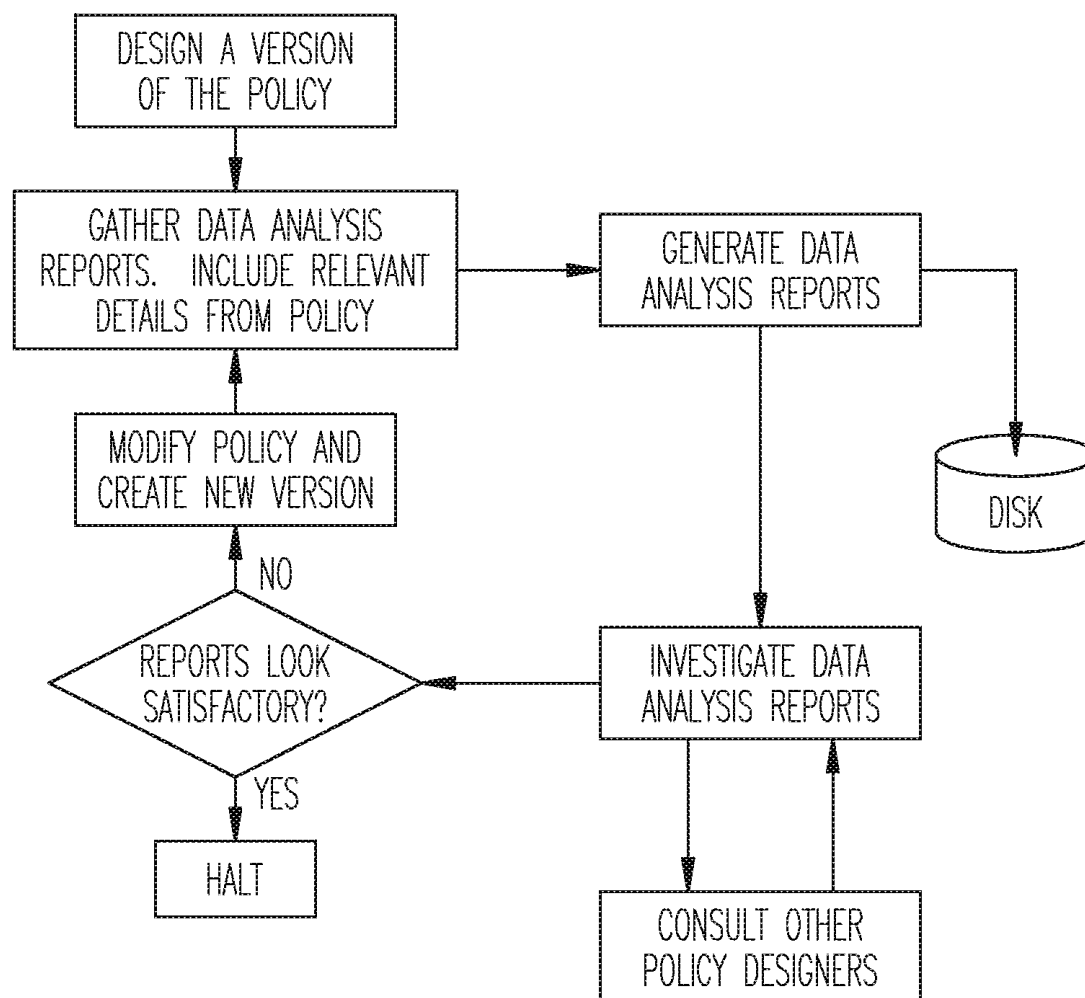
Family 21/50 - FAMPAT - ©Questel

Title

(US8731983)

System and method for designing effective business policies via business rules analysis

Images



Publication data including kind & date

US20060190310	A1	2006-08-24	US20060190310
IN0169/CHE/2005	A	2007-03-16	IN2005CH00169
US8731983	B2	2014-05-20	US8731983



Abstract

(US8731983)

Methods and systems are provided for analyzing the business rules, business metrics, and decision parameters for a firm or organization, processing a subset of such data to form output, and offering access to selective views of such output including evaluation and comparative data regarding execution of such business rules, information on corresponding business metrics or sets of business metrics, information on corresponding decision parameters or sets of decision parameters or scenarios, and other useful analytic information which can help a firm or organization evaluate and modify business policies based on said rules, metrics, and parameters. In addition to said rules, metrics and/or parameters, the data for the business rule analysis can include conventional historical data or hypothetical data based on simulations which the current system and method provide based on prescribed random and non-random algorithms. The simulated or hypothetical data enables users to conduct rule analysis based on historical data, simulated data, or hybrid models. In this manner, the methods and systems described in this invention provide for both an evaluation of a firm's current policies as well as an evaluation of policy modifications not actually executed but for which hypothetical data can be provided and analyzed.

Inventors

GUDLA RAHUL

BHOSLE AMIT MADHUKAR

CHANDRASEKARAN VIJAY

Latest standardized assignees - inventors removed

SAP

Publication dates

2006-08-24

2007-03-16

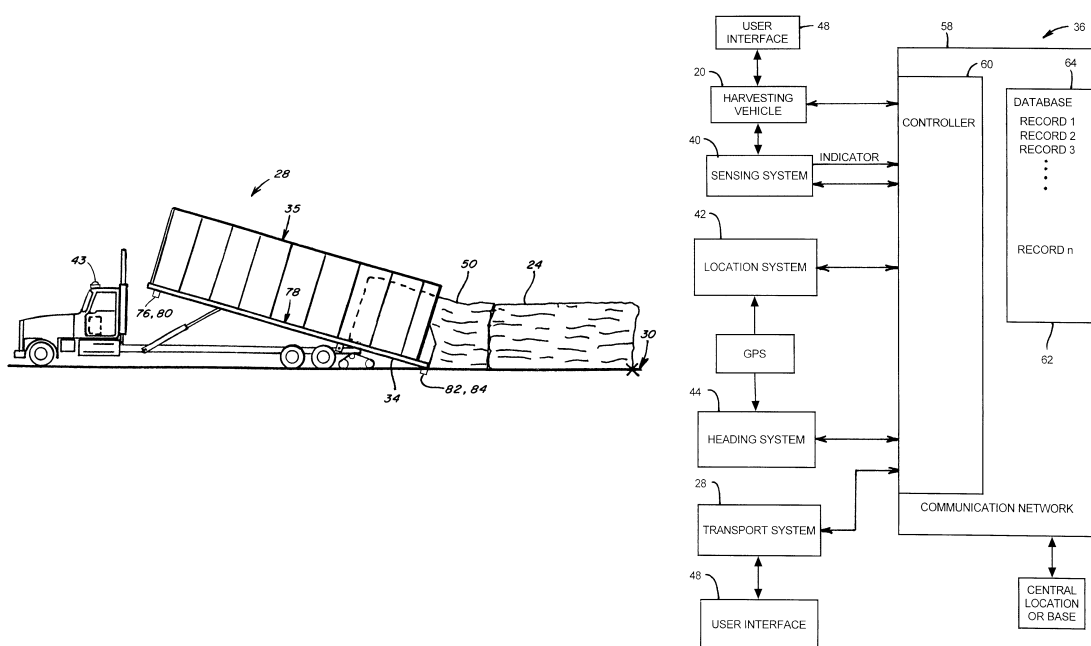
2014-05-20

Family 22/50 - FAMPAT - ©Questel

Title

(WO2014149152)

System and method for determining a location of an unloaded unit of agricultural product and locating a desired unit of agricultural product

Images**Publication data including kind & date**

US20140278083	A1	2014-09-18	US20140278083
WO2014149152	A1	2014-09-25	WO2014149152
US8942897	B2	2015-01-27	US8942897

**Abstract**

(WO2014149152)

A system and method for determining a location of an unloaded unit (24) of agricultural product and locating a desired unit of agricultural product or identifying a candidate unit of agricultural product as a function of sensing system (40) information indicating contact of the unit (24) with the ground or other surface onto which the unit is unloaded, global positioning system or other location system (42) information identifying the contact or related location, and heading information, which information can then be used to discern the unit from others at the location tor desired loading.

Inventors

FOSTER CHRISTOPHER A

RINGWALD JUSTIN R

Latest standardized assignees - inventors removed

BLUE LEAF IP

Publication dates

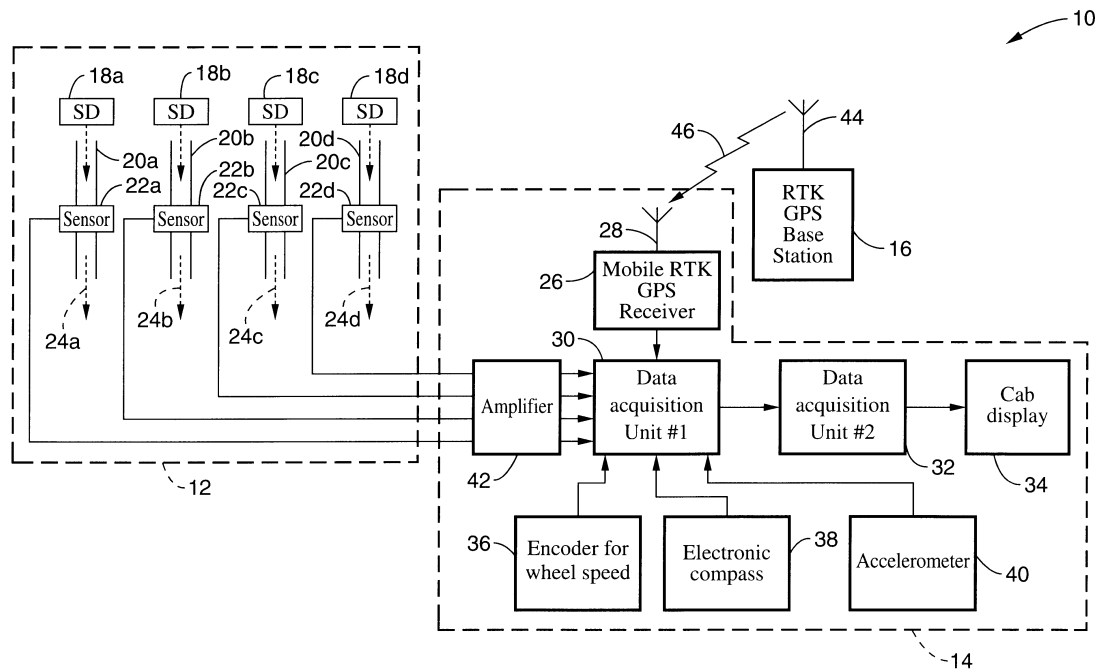
2014-09-18

2014-09-25

2015-01-27

Family 23/50 - FAMPAT - ©Questel

Title
(US6553312)
Method and apparatus for ultra precise GPS-based mapping of seeds or vegetation during planting

Images**Publication data including kind & date**

US20030028321 A1 2003-02-06 US20030028321

US6553312 B2 2003-04-22 US6553312

**Abstract**

(US6553312)

An ultra precise seed planter apparatus and method for generating a centimeter accuracy map of the location of seeds or vegetation as they are planted from an agricultural planting machine. The apparatus is fitted with a GPS receiver feeding a data logger, and optical sensors that are placed adjacent seed or vegetation dispenser. The data logger monitors GPS time and UTM coordinates, as well as the optical sensors. Ground speed and azimuth are also monitored. The seeds or vegetation are time-tagged as they are dispensed, and software is used to process the dispensing time and GPS location data and estimate the exact coordinates of each seed or plant and its distance from adjacent seeds or plants. As a result, a precise planting map is generated. The invention may also be used to determine the location to dispense seeds or vegetation, and activating the dispenser when that location is reached.

Inventors

UPADHYAYA SHRINI

EHSANI MOHAMMAD

MATTSON MARK L

Latest standardized assignees - inventors removed

UNIVERSITY OF CALIFORNIA

Publication dates

2003-02-06

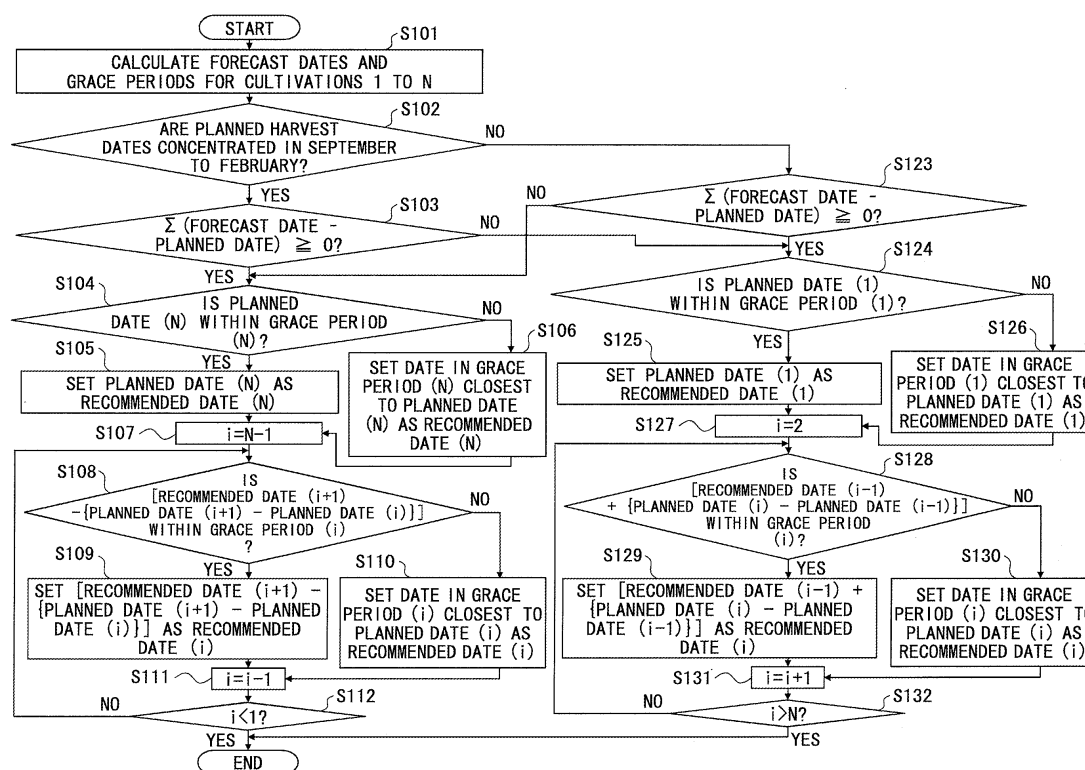
2003-04-22

Family 24/50 - FAMPAT - ©Questel

Title

(WO201388539)

Harvest assistance method and harvest assistance device

Images**Publication data including kind & date**

WO2013088539	A1	2013-06-20	WO201388539
KR20140088905	A	2014-07-11	KR20140088905
US20140278619	A1	2014-09-18	US20140278619
JPWO2013088539	A1	2015-04-27	JP2013088539W
JP5811188	B2	2015-11-11	JP5811188
KR101782682	B1	2017-09-27	KR101782682

**Abstract**

(WO201388539)

In the present invention, a computer executes a process such that, of the days included in a harvest postponement period recorded by a recording unit in relation to a first cultivation among the cultivation of a plurality of crops, a day for which the interval to the planned harvest day recorded by the recording unit in relation to the first cultivation is the lowest is determined to be the recommended harvest day for the first cultivation, and of the days included in a harvest postponement period recorded by the recording unit in relation to a second cultivation among the cultivation of the plurality of crops, a day such that the interval to the recommended harvest day for the first cultivation becomes the closest to the interval between the planned harvest day of the first cultivation and the planned harvest day recorded by the recording unit in relation to the second cultivation is determined to be the recommended harvest day for the second cultivation.

Inventors

ASAI MASAFUMI

Latest standardized assignees - inventors removed

FUJITSU

Publication dates

2013-06-20

2014-07-11

2014-09-18

2015-04-27

2015-11-11

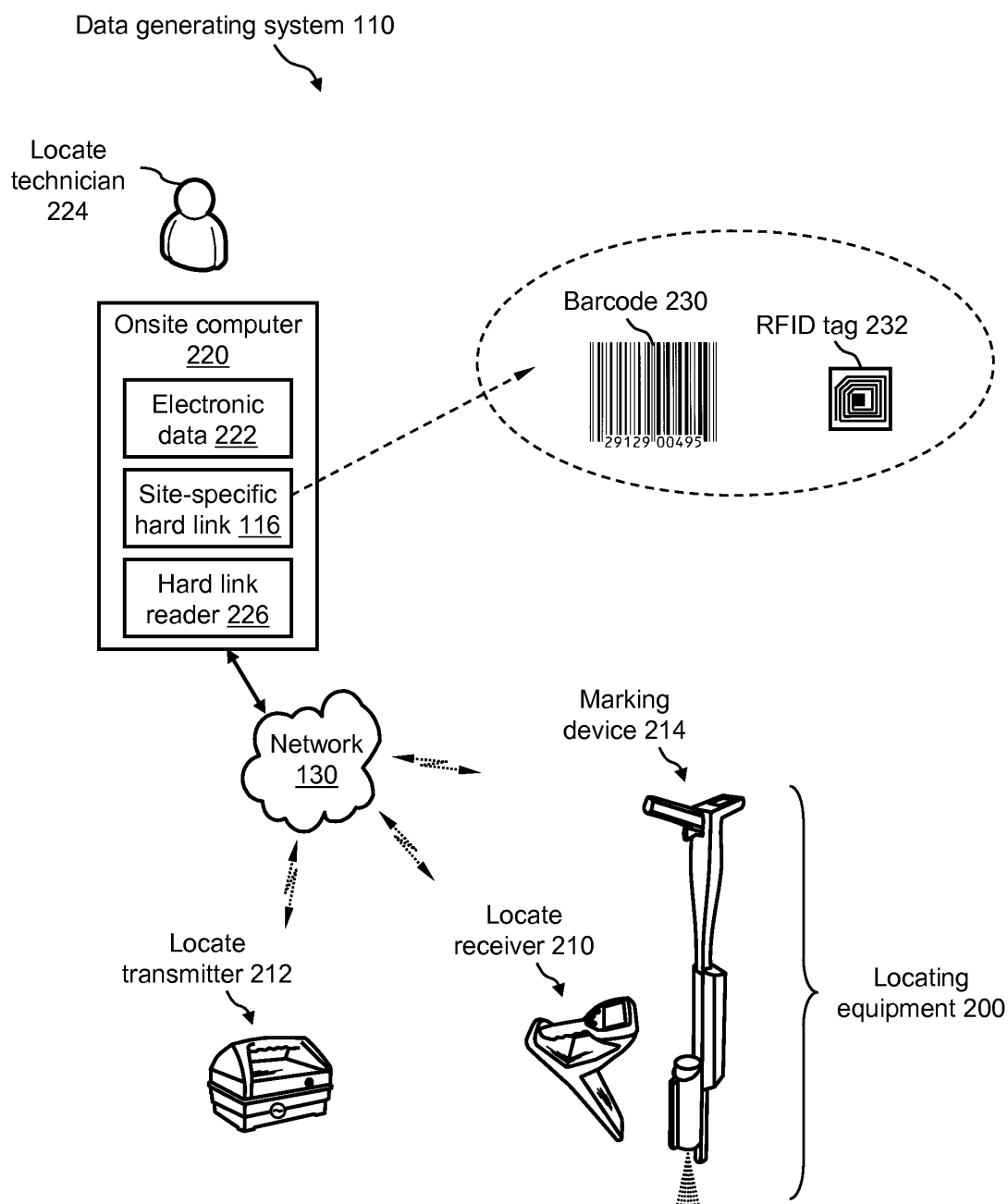
2017-09-27

Family 25/50 - FAMPAT - ©Questel

Title

(WO201215746)

Methods, apparatus and systems for onsite linking to location-specific electronic records of locate operations

Images**Publication data including kind & date**

CA2809839	A1	2012-02-02	CA2809839
WO2012015746	A1	2012-02-02	WO201215746
US20120066506	A1	2012-03-15	US20120066506
AU2011282957	A1	2013-03-14	AU2011282957



US8918898	B2	2014-12-23	US8918898				
AU2011282957	B2	2015-02-05	AU2011282957				
US20150269500	A1	2015-09-24	US20150269500				
US9311614	B2	2016-04-12	US9311614				

Abstract

(WO201215746)

Providing access at a jobsite to an electronic record of a locate operation. Data related to the locate operation is acquired by locate equipment and transmitted to a data repository for storage in the electronic record of the locate operation. A site-specific access mechanism is provided that establishes a link to the electronic record of the locate operation. In one example, the site-specific access mechanism is a physical mechanism, such as a printout of a website address, a barcode, or an RFID tag. In another example the site-specific access mechanism is a virtual mechanism, such as geographic location information provided by a location tracking system (e.g., GPS apparatus) and/or derived from information available to a wireless communications system or WiFi network. In one aspect, the access mechanism may be configured for use at the jobsite only by a person particularly authorized to access the electronic record of the locate operation.

Inventors

NIELSEN STEVEN

CHAMBERS CURTIS

FARR JEFFREY

Latest standardized assignees - inventors removed

CERTUSVIEW

Publication dates

2012-02-02

2012-02-02

2012-03-15

2013-03-14

2014-12-23

2015-02-05

2015-09-24

2016-04-12

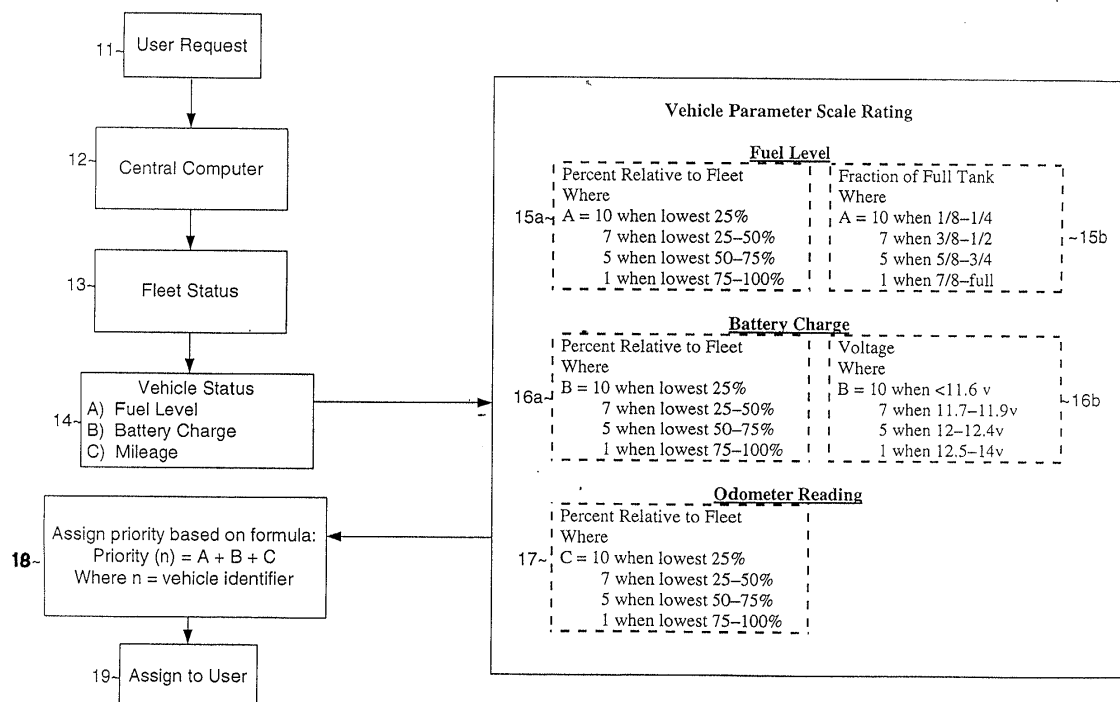
Family 26/50 - FAMPAT - ©Questel

Title

(US20020184078)

Priority-based vehicle allocation methods

Images

**Publication data including kind & date**

US20020184078

A1 2002-12-05

US20020184078

**Abstract**

(US20020184078)

The invention provides priority-based allocation methods for use in allocating a vehicle from a fleet of vehicles. The methods provide that a vehicle that is low on fuel, battery charge, or mileage will be given a higher priority for allocation than a vehicle with relatively higher vehicle parameters. Methods include using the vehicle parameter values to directly allocate the vehicles, or indirectly allocate the vehicles using the values to group the vehicles before allocation. Additional indirect methods are provided whereby the vehicle parameter values are used to derive a corresponding numerical value to be used in an algorithm-based allocation method or converted into a percentage for a tier-based allocation method.

Inventors

UYEKI ROBERT

Latest standardized assignees - inventors removed

HONDA MOTOR

Publication dates

2002-12-05

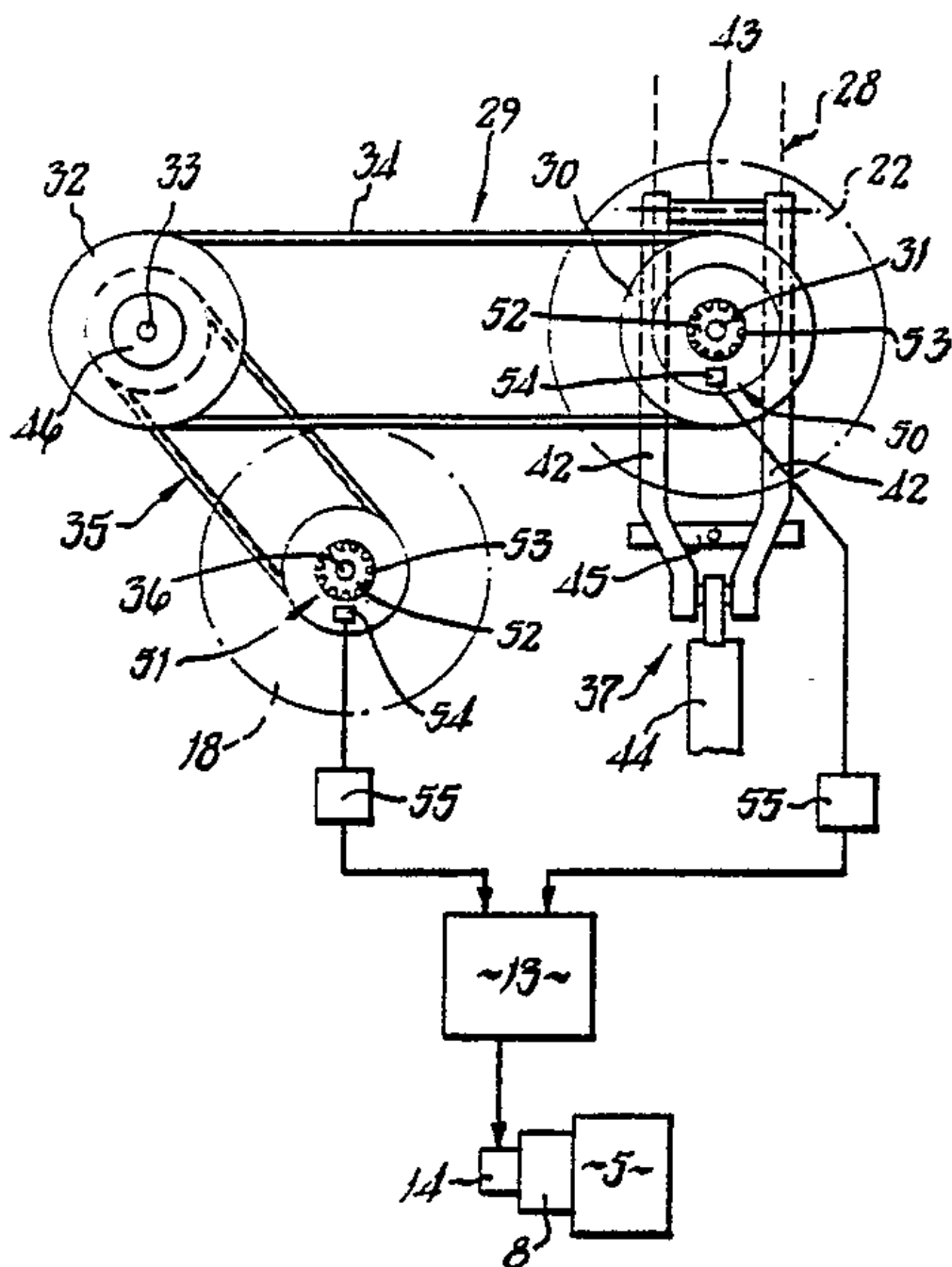
Family 27/50 - FAMPAT - ©Questel

Title

(EP-258347)

Crop processing apparatus.

Images



Publication data including kind & date

GB8604227	D0	1986-03-26	GB8604227
GB2186777	A	1987-08-26	GB2186777
WO8704894	A1	1987-08-27	WO8704894
AU6949987	A	1987-09-09	AU8769499
EP0258347	A1	1988-03-09	EP-258347
ZA8701214	B	1988-09-28	ZA8701214
ES2004104	A6	1988-12-01	ES2004104
GB2186777	B	1989-11-22	GB2186777
US4893241	A	1990-01-09	US4893241
CA1284369	C	1991-05-21	CA1284369



Abstract

(EP-258347)

Crop processing apparatus comprising crop processing means (18, 23, 24) driven by drive means (29) and an automatic control system comprising sensor means (50, 51) for sensing transmission loss in the drive means (29) and producing a corresponding transmission loss signal which is proportional to the load exerted by crop on the crop processing means, setting means (Sr) for selecting a desired level of crop load and producing a reference crop load signal (Sr) corresponding to a selected level of transmission loss, signal processing means (13) which compares the transmission loss signal with the reference crop load signal to produce a control signal (Se), and actuator means (14) that is controlled in accordance with said control and is effective to vary the rate of feed crop to the processing means to maintain a substantially uniform load of crop in the crop processing means. The transmission loss takes the form of relative rotation or slip between input drive and output driven shafts (31, 33). Preferably, the drive means comprises a driven belt (34), and belt slip is used as a measure of transmission loss. The belt slip in the belt drive to a crop threshing cylinder is preferably used as the control parameter. The sensor means (50, 51) measures the rates of rotation (Sb, Sc) of the input drive shaft (31) and output driven shaft (33, 36) and the signal processing means (13) calculates the ratio of said rates of rotation to determine belt slip. This belt slip value may be normalised using values of the rate of rotation (Sbn, Scn) of two shafts measured under standard, no-load conditions. The actuator means (14) may be the forward speed controller of a combine harvester.

Inventors

GIRODAT JOSEPH C F

RUMBLE DAVID WESLEY

SWEETMAN LAWRENCE M

SWINDALL WILLIAM

Latest standardized assignees - inventors removed

MASSEY FERGUSON SERVICES

Publication dates

1986-03-26

1987-08-26

1987-08-27

1987-09-09

1988-03-09

1988-09-28

1988-12-01

1989-11-22

1990-01-09

1991-05-21

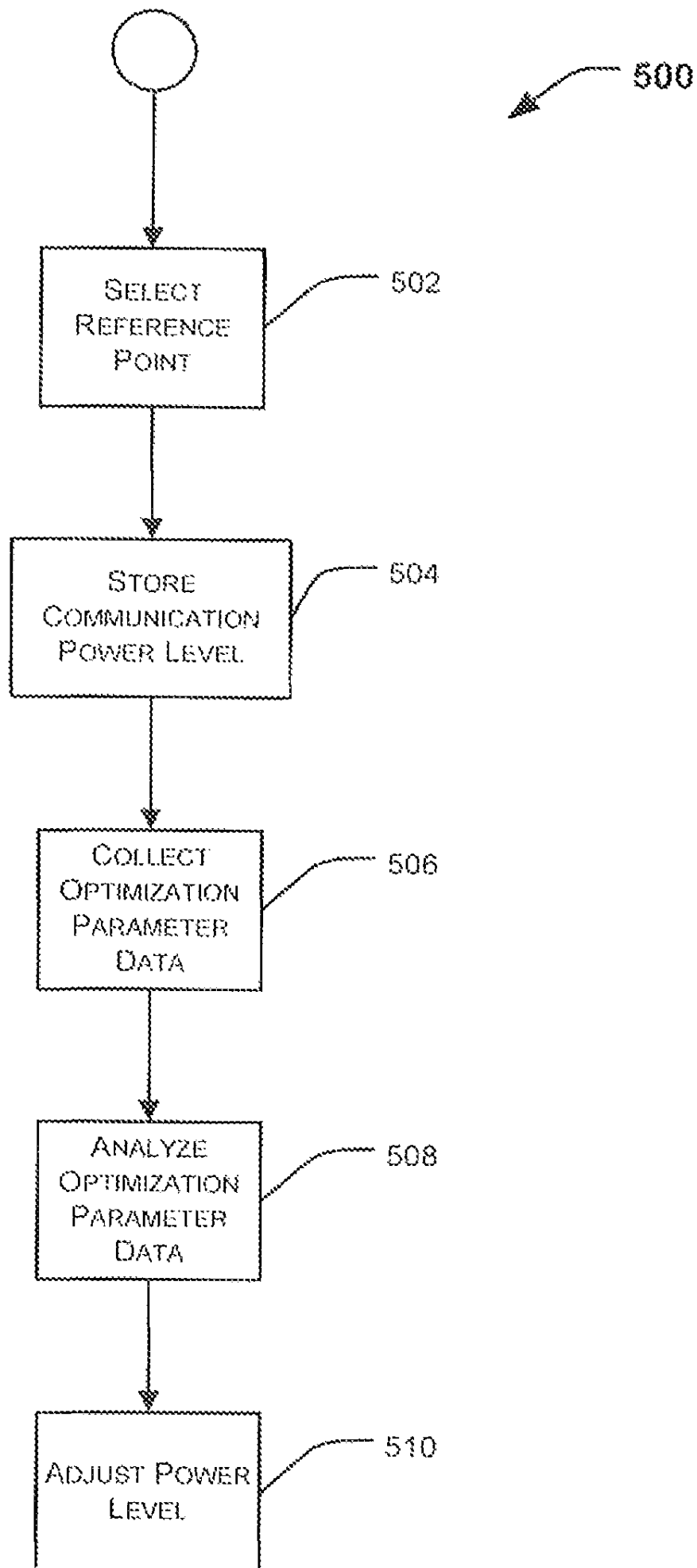
Family 28/50 - FAMPAT - ©Questel

Title

(WO2008100634)

Method and apparatus to optimize power to maximize performance of wireless mesh sensors and control networks

Images



Publication data including kind & date

WO2008100634	A1	2008-08-21	WO2008100634
US20080198036	A1	2008-08-21	US20080198036
US9024717	B2	2015-05-05	US9024717
US20150212505	A1	2015-07-30	US20150212505

**Abstract**

(WO2008100634)

An automation component configured for optimized wireless communication within a building automation system is disclosed. The automation component includes a wireless communications component, a processor in communication with the wireless communications component, a memory in communication with the processor, the memory configured to store computer readable instructions which are executable by the processor. The computer readable instructions being programmed to process at least one communication variable received via the wireless communications component; to optimize a communication or radio transmit power level associated with the wireless communication component, wherein the optimized communication power level is a function of the at least one communication variable; and an adjustment of the communication power level associated with the wireless communication component based on the optimized communication power level.

Inventors

SONGKAKUL PORNSAK
NASS GEOFFREY DANIEL
MCFARLAND NORMAN R

Latest standardized assignees - inventors removed

SIEMENS INDUSTRY

Publication dates

2008-08-21
2008-08-21
2015-05-05
2015-07-30

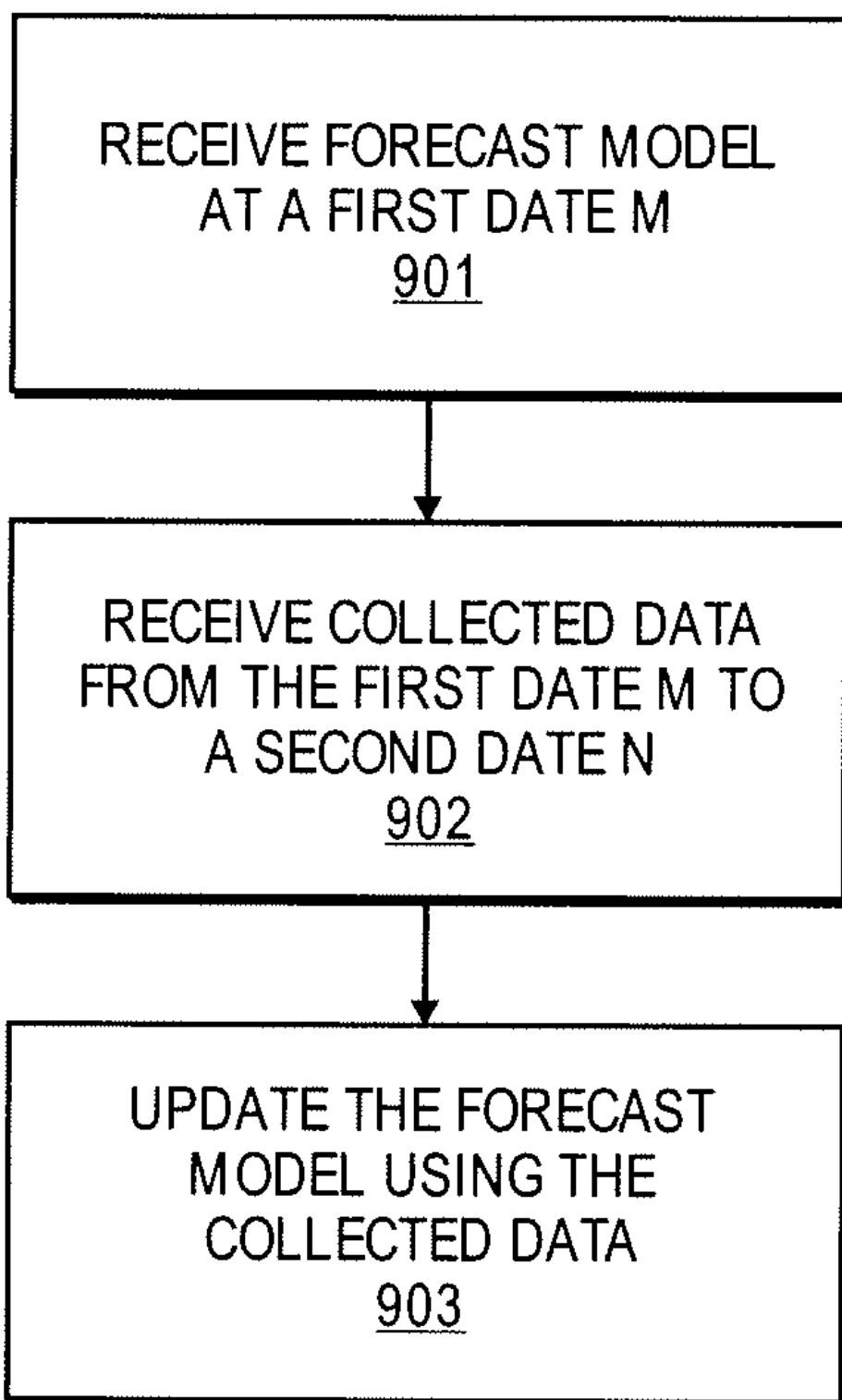
Family 29/50 - FAMPAT - ©Questel

Title

(EP2126832)

System and method for updating forecast model

Images

**Publication data including kind & date**

US20080221949	A1	2008-09-11	US20080221949
WO2008109085	A2	2008-09-12	WO2008109085
AU2008223448	A1	2008-09-12	AU2008223448
EP2126832	A2	2009-12-02	EP2126832



WO2008109085	A3	2009-12-30	WO2008109085				
JP2010520556	A	2010-06-10	JP2010520556				
IN5518/CHENP/2009	A	2010-06-11	IN2009CN05518				
EP2126832	A4	2012-04-04	EP2126832				
US8788306	B2	2014-07-22	US8788306				

Abstract

(EP2126832)

A method for updating a forecast model is disclosed. The forecast model includes parameters that receives collected data representing historical dependent and causal data. The collected data are in different units of measure from one another. Based on the collected data, the forecast model is applied to determine a total error value from a calculation performed on the parameters in the forecast model. To update the forecast model, additional parameters are added, existing parameters are modified, or parameters are removed from the forecast model to determine a modified total error value. The modified total error value is then compared to the original total error value. The parameters are also converted to normalized values to be in a common unit of measure to facilitate the application of the forecast model to determine a total error value.

Inventors

DELURGIO PHILLIP D

DREW JAMES

LAANE LISA

Latest standardized assignees - inventors removed

IBM

Publication dates

2008-09-11

2008-09-12

2008-09-12

2009-12-02

2009-12-30

2010-06-10

2010-06-11

2012-04-04

2014-07-22

Family 30/50 - FAMPAT - ©Questel

Title

(WO201325996)

Multidimensional digital platform for building integration and analysis

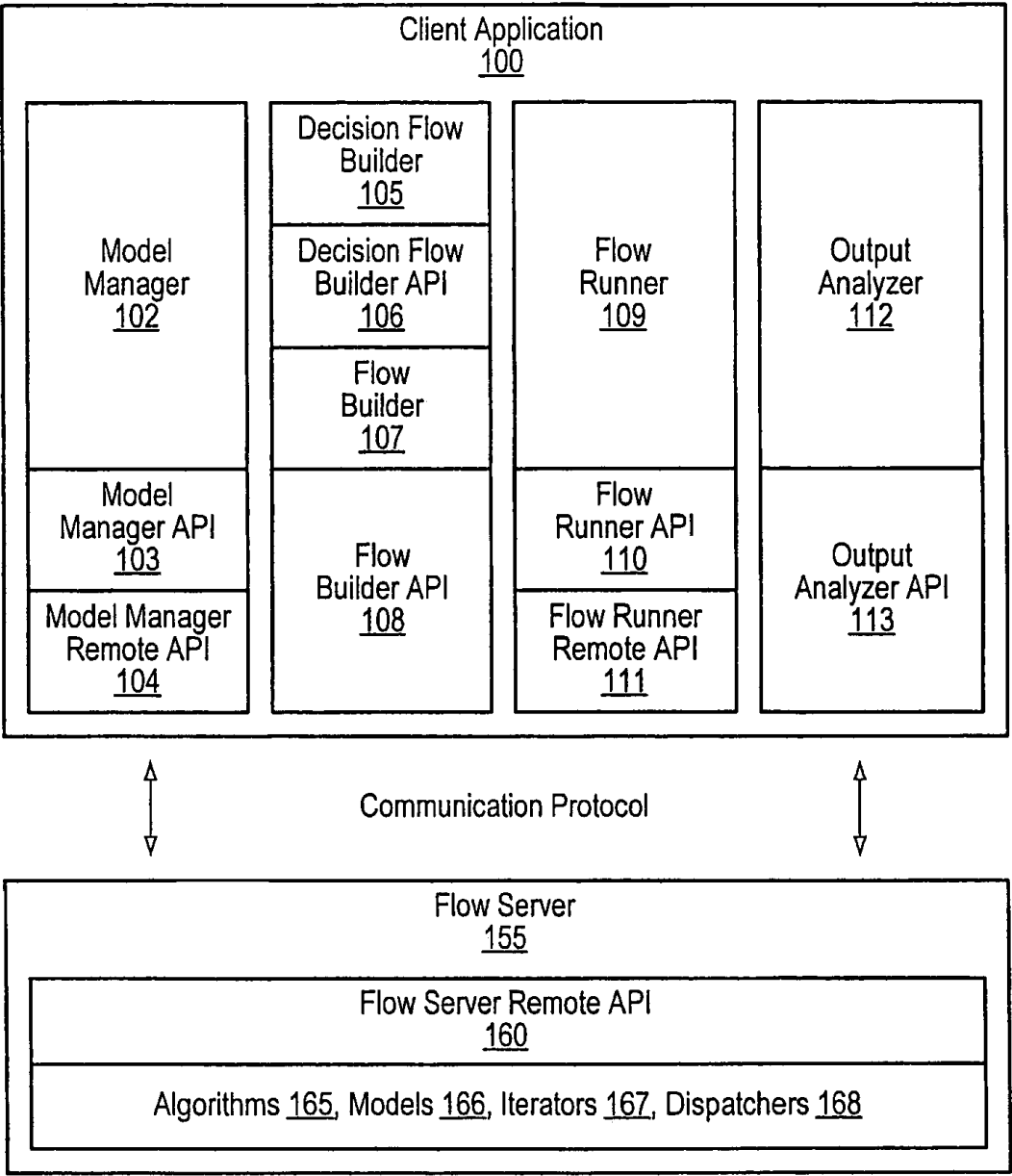
Images

2013-02-21
2013-06-20
2013-10-29
2014-04-17
2014-12-11
2014-12-18
2018-06-12

Family 31/50 - FAMPAT - ©Questel

Title
(US8458000)
Analysis of multiple assets in view of functionally-related uncertainties

Images



Publication data including kind & date

US20060247990	A1	2006-11-02	US20060247990
US20080120148	A1	2008-05-22	US20080120148
US8209202	B2	2012-06-26	US8209202



US20120226512	A1	2012-09-06	US20120226512
US8458000	B2	2013-06-04	US8458000
US8457997	B2	2013-06-04	US8457997

**Abstract**

(US8458000)

A client-server based system for building and executing flows (i.e., interconnected systems of algorithms).The client allows a user to build a flow specification and send the flow specification to the server.The server assembles the flow from the flow spec and executes the flow.A flow may be configured to analyze the impact (e.g., the financial impact) of a number of uncertainties associated with a plurality of assets.Uncertainty variables are used to characterize the uncertainties associated with the assets.An uncertainty variable associated with one asset may be functionally dependent on an uncertainty variable associated with another asset.

Inventors

NARAYANAN KESHAV

HEATH DAVID E

CULLICK ALVIN STANLEY

Latest standardized assignees - inventors removed

LANDMARK GRAPHICS

Publication dates

2006-11-02

2008-05-22

2012-06-26

2012-09-06

2013-06-04

2013-06-04

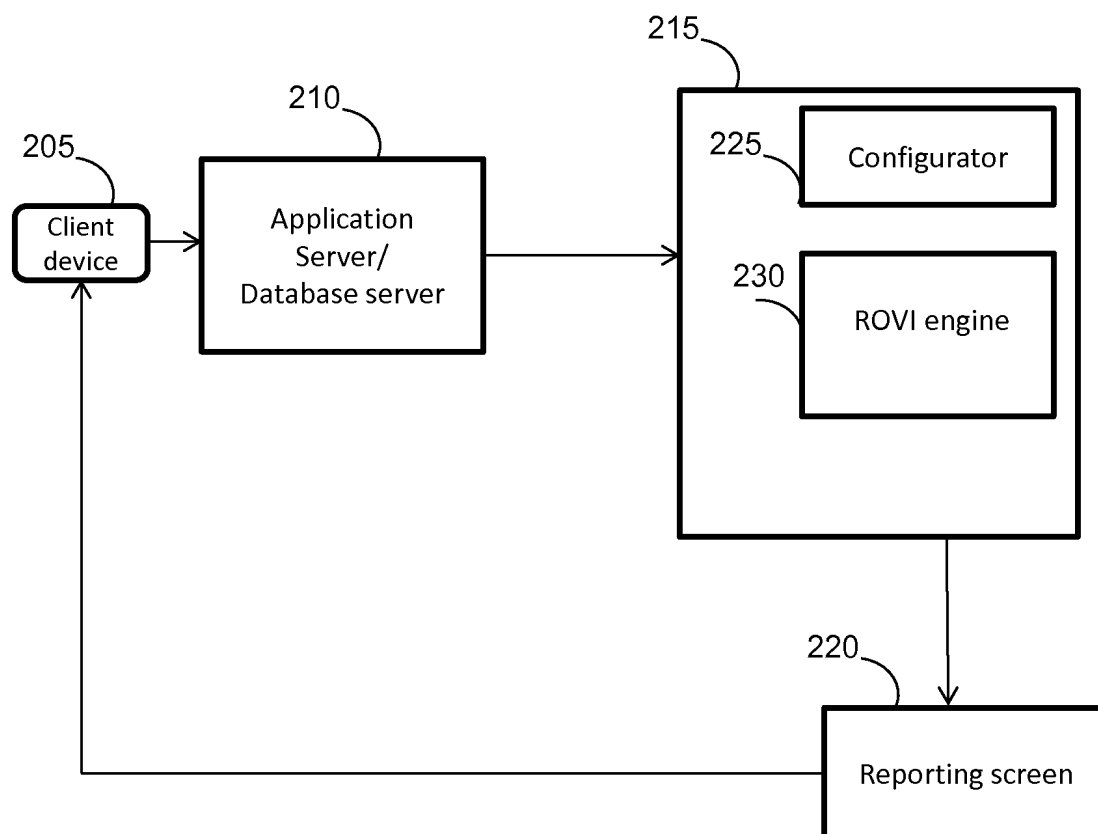
Family 32/50 - FAMPAT - ©Questel

Title

(US20150363711)

Device for rapid operational visibility and analytics automation

Images

**Publication data including kind & date**[US20150363711](#)

A1 2015-12-17

US20150363711

**Abstract**

(US20150363711)

A portable device for automating data analytics includes a configurator module, wherein the configurator module when plugged into a client device enables a user of the client device to configure a plurality of parameters. The portable device further includes a Rapid Operational Visibility (ROVi) engine for automating data analysis. The ROVi engine performs automating data capture from a plurality of data sources based on configured parameters. Further, the ROVi engine creates a data model automatically. The ROVi engine automates creation of interfaces, automates generation of a semantic layer, and enables the user to create customized analytical reports.

Inventors

RAMAN KRISHNAN

MURALIDHAR SRIKANTH

THAIPARAMBIL DERICK JOSE JUDE

PARTHASARATHY GANESH

SRINIVASAN BHARATH RAMANATHAPUR

CHANDY RENOO JOHN

SAHOO SANTOSH

Latest standardized assignees - inventors removed

FLUTURA BUSINESS SOLUTIONS PRIVATE

Publication dates

2015-12-17

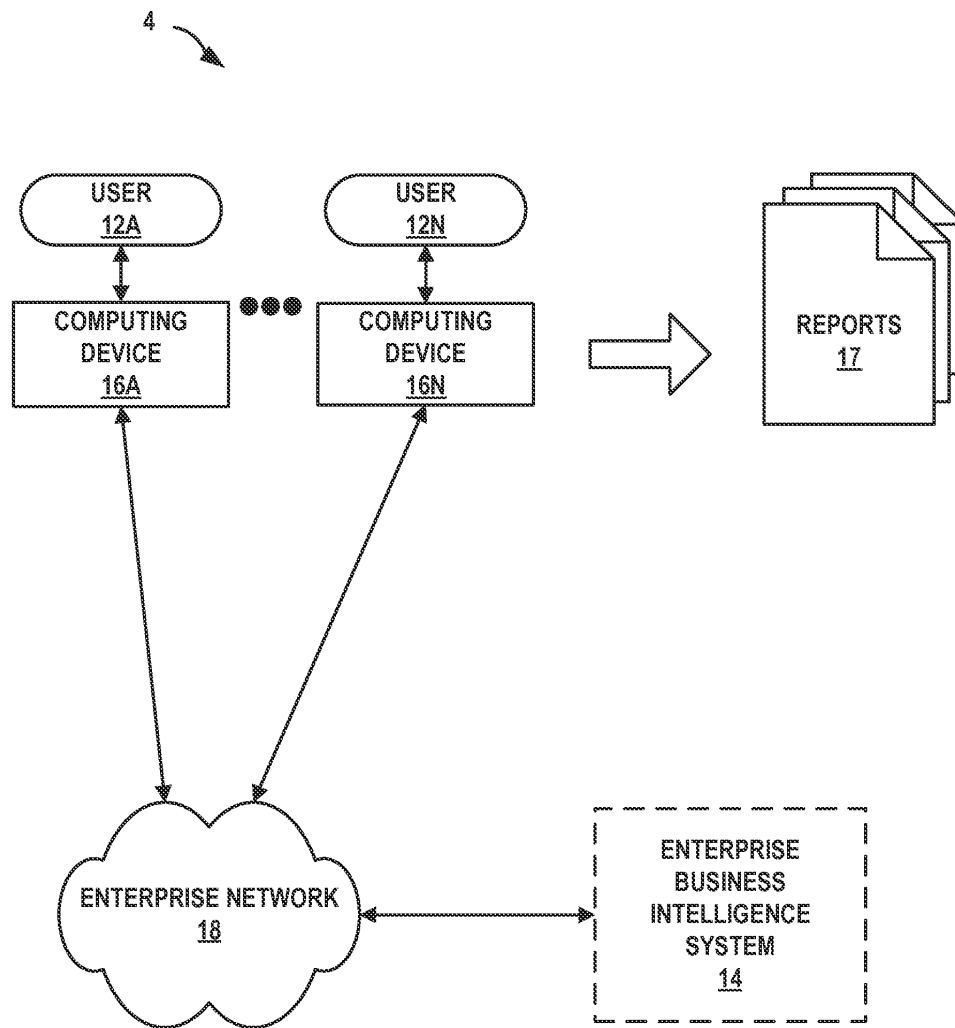
Family 33/50 - FAMPAT - ©Questel

Title

(US20150186806)

Pattern-based analysis recommendation

Images



Publication data including kind & date

US20150186806

A1 2015-07-02

US20150186806



Abstract

(US20150186806)

A computing system includes at least one processor and at least one module operable by the at least one processor to receive input data, and determine, based at least in part on the input data, a plurality of visualizations, each of the plurality of visualizations representing at least a portion of the input data. The at least one module is further operable to determine a respective score for each of the plurality of visualizations, the respective score for each visualization from the plurality of visualizations being based at least in part on a comparison of the corresponding visualization to one or more visual patterns, determine, based at least in part on the respective score for each of the plurality of visualizations, an ordering of the plurality of visualizations, and output, for display, at least one visualization from the plurality of visualizations in accordance with the ordering.

Inventors

HILTZ-LAFORGE JASON

NONEZ ROBERT Y

POURSHAHID ALIREZA

WATTS GRAHAM A

Latest standardized assignees - inventors removed

IBM

Publication dates

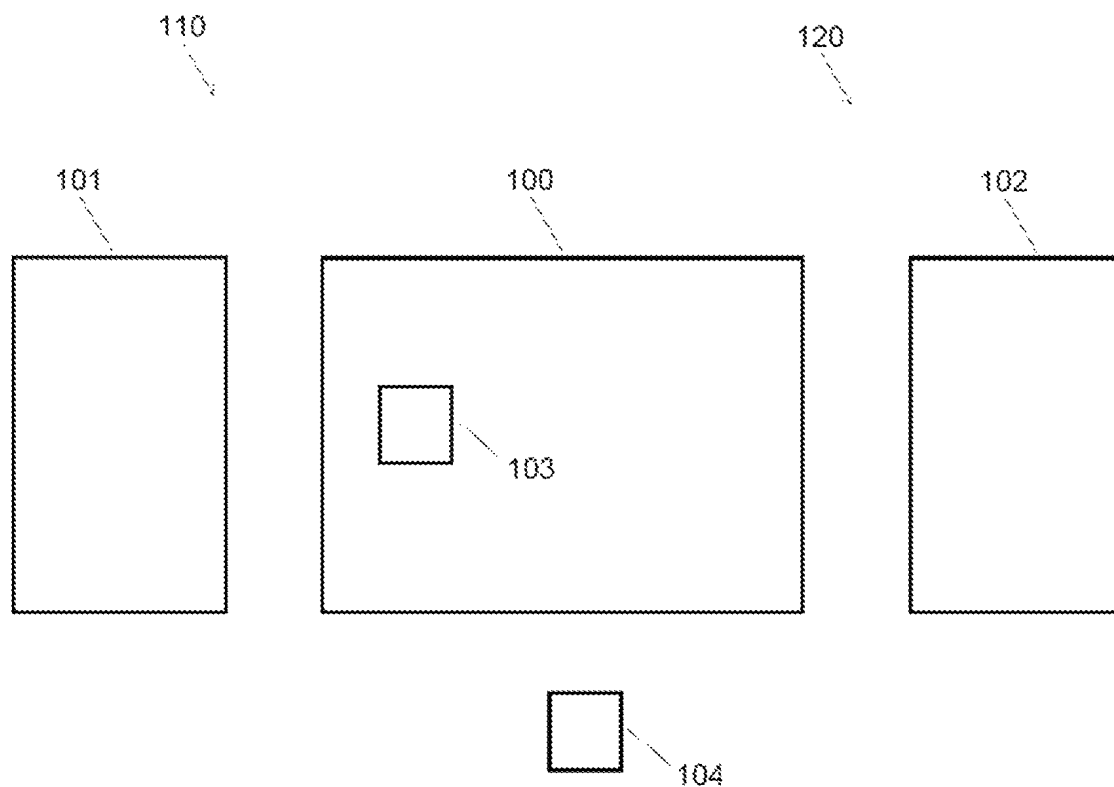
2015-07-02

Family 34/50 - FAMPAT - ©Questel

Title

(EP2745633)

Adaptive control of ambience settings

Images**Publication data including kind & date**

WO2013050925	A1	2013-04-11	WO201350925				
CN103858520	A	2014-06-11	CN103858520				
EP2745633	A1	2014-06-25	EP2745633				
US20140257573	A1	2014-09-11	US20140257573				
CN103858520	B	2016-03-23	CN103858520B				
IN2301/CHENP/2014	A	2016-07-01	IN2014CN02301				
US9880531	B2	2018-01-30	US9880531				

Abstract

(EP2745633)

The invention relates to a method and to an apparatus that enables the ambience of e.g. hospital rooms to adapt according to the scheduled or non-scheduled activities throughout the day. The ambience generated by lights, sound devices, image, movie displays and other devices is controlled by an ambience controller (100) in dependence of day phases defined by a patient's day schedule or in dependence of other non-scheduled phases which may have been initiated in dependence of a trigger signal (215, 216) generated in response to activities such as the entering of a caterer.

Inventors

VAN DE SLUIS BARTEL MARINUS

CUPPEN ROEL PETER GEERT

FLINSENBURG INGRID CHRISTINA MARIA

VAN LOENEN EVERT JAN

Latest standardized assignees - inventors removed

PHILIPS ELECTRONICS

Publication dates

2013-04-11

2014-06-11

2014-06-25

2014-09-11

2016-03-23

2016-07-01

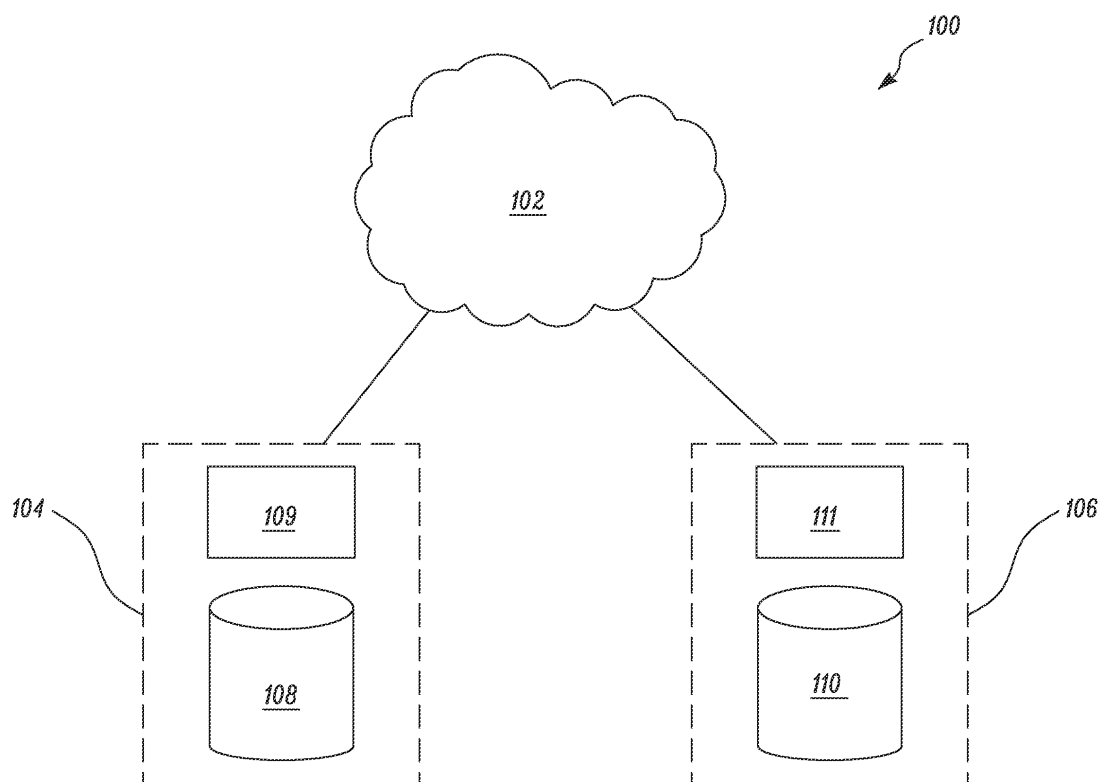
2018-01-30

Family 35/50 - FAMPAT - ©Questel

Title

(US20150106139)

Integrated reporting system

Images**Publication data including kind & date**

US20150106139 A1 2015-04-16 US20150106139

**Abstract**

(US20150106139)

An integrated reporting system for a dimensional data associated with a worksite management system is provided. The integrated reporting system includes an extraction and transformation module configured to connect to a plurality of sources. The extraction and transformation module is configured to identify a source data from each of the plurality of sources. The extraction and transformation module is also configured to perform a transformation on the source data to convert the source data into a target data based on the identification. The target data includes a derived result. The extraction and transformation module is further configured to store the derived result into a target database. The integrated

reporting system includes a reporting module operatively connected to the target database, wherein the reporting module is configured to generate reports based on the derived result.

Inventors

JONES PHILLIP A

COLLINS DARRYL V

Latest standardized assignees - inventors removed

CATERPILLAR

Publication dates

2015-04-16

Family 36/50 - FAMPAT - ©Questel

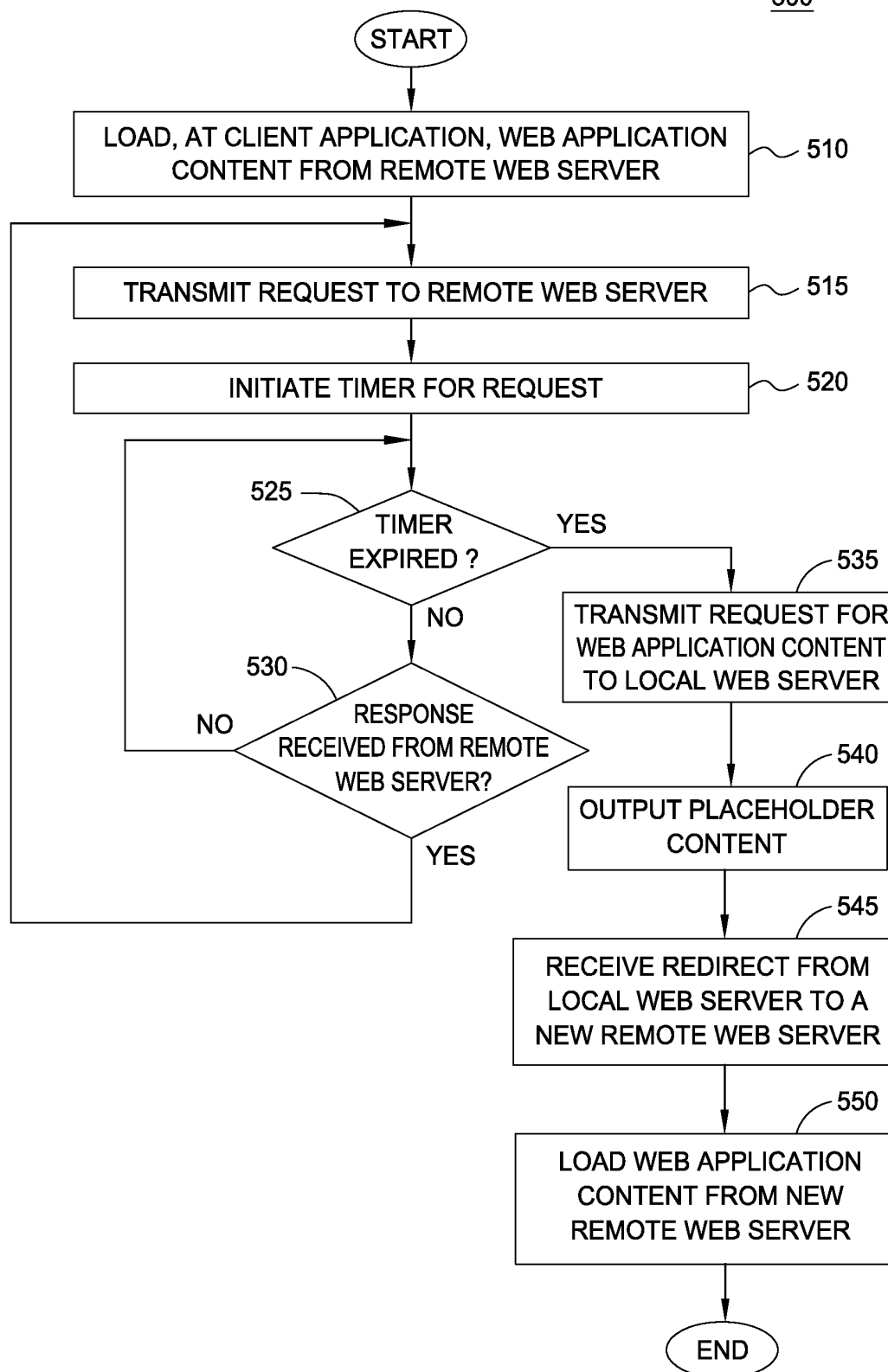
Title

(WO2014186759)

Configurable data accumulators

Images

500



Publication data including kind & date

US20140344336	A1	2014-11-20	US20140344336
US20140344335	A1	2014-11-20	US20140344335
US20140344090	A1	2014-11-20	US20140344090
US20140344047	A1	2014-11-20	US20140344047
US20140343979	A1	2014-11-20	US20140343979
WO2014186759	A1	2014-11-20	WO2014186759



WO2014186681	A1	2014-11-20	WO2014186681				
WO2014186695	A1	2014-11-20	WO2014186695				
WO2014186699	A1	2014-11-20	WO2014186699				
US9600787	B2	2017-03-21	US9600787				

Abstract

(WO2014186759)

Embodiments provide techniques for creating and managing accumulator tables for use in generating reports for a business entity. Embodiments include identifying a report for a business entity. A plurality of data fields are determined across two or more database tables that are used to generate the report. Embodiments include creating an accumulator table and populating the accumulator table with data values for all of the plurality of data fields. Upon receiving, from a point of sale system, an indicator of an occurrence of a business event for the business entity, an instance of the report is automatically generated using the populated accumulator table.

Inventors

SELVARAJ KATHIRESAN

ROGERS DAVID THOMAS

BOND JULIA PATTEN

NOONAN WILLIAM JAMES

Latest standardized assignees - inventors removed

TOSHIBA GLOBAL COMMERCE SOLUTIONS

Publication dates

2014-11-20

2014-11-20

2014-11-20

2014-11-20

2014-11-20

2014-11-20

2014-11-20

2014-11-20

2014-11-20

2017-03-21

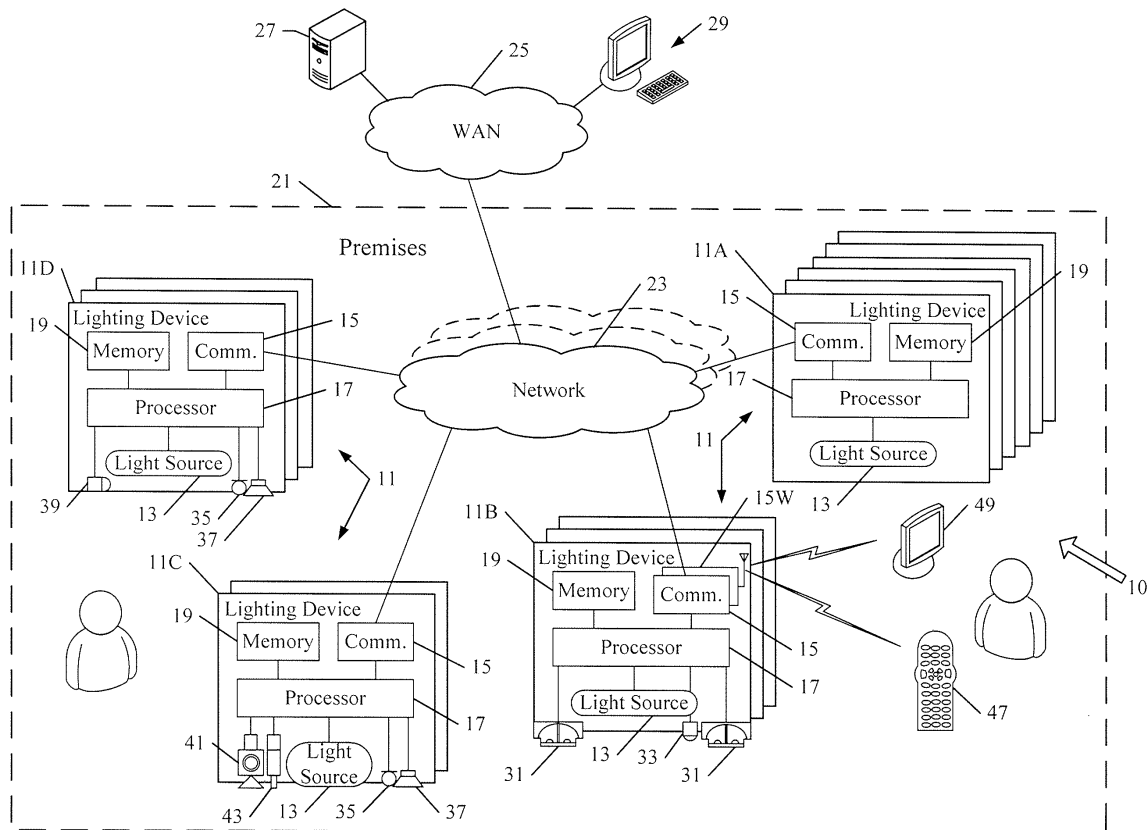
Family 37/50 - FAMPAT - ©Questel

Title

(US9612585)

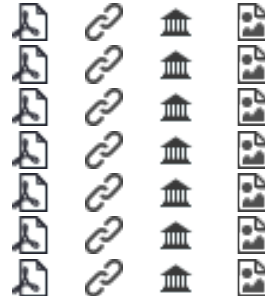
Distributed building control system

Images



Publication data including kind & date

US20140358285	A1	2014-12-04	US20140358285
US20140354187	A1	2014-12-04	US20140354187
US20140354160	A1	2014-12-04	US20140354160
US9462663	B2	2016-10-04	US9462663
US20160295665	A1	2016-10-06	US20160295665
US9504132	B2	2016-11-22	US9504132
US9612585	B2	2017-04-04	US9612585



Abstract

(US9612585)

An example of a building automation system utilizes intelligent system elements, some of which are lighting devices having light sources, and some of which are utility building control and automation elements. Some utility building control and automation elements include a controllable mechanism for use in control of some aspect of the building other than lighting. Another intelligent system element may include either a user interface component and be configured as a building controller, or include a detector and be configured as a sensor. Each intelligent system element includes a network communication interface, processor, memory and programming to configure the intelligent system element as a lighting device, utility building control and automation element, controller or sensor. At least one of the intelligent lighting devices is configured as a building control and automation system server. Several examples, however, implement the overall control using distributed processing.

Inventors

AGGARWAL JANUK
ROGERS JASON
RAINS JR JACK C
RAMER DAVID P

Latest standardized assignees - inventors removed

ABL IP HOLDING

Publication dates

2014-12-04

2014-12-04

2014-12-04

2016-10-04

2016-10-06

2016-11-22

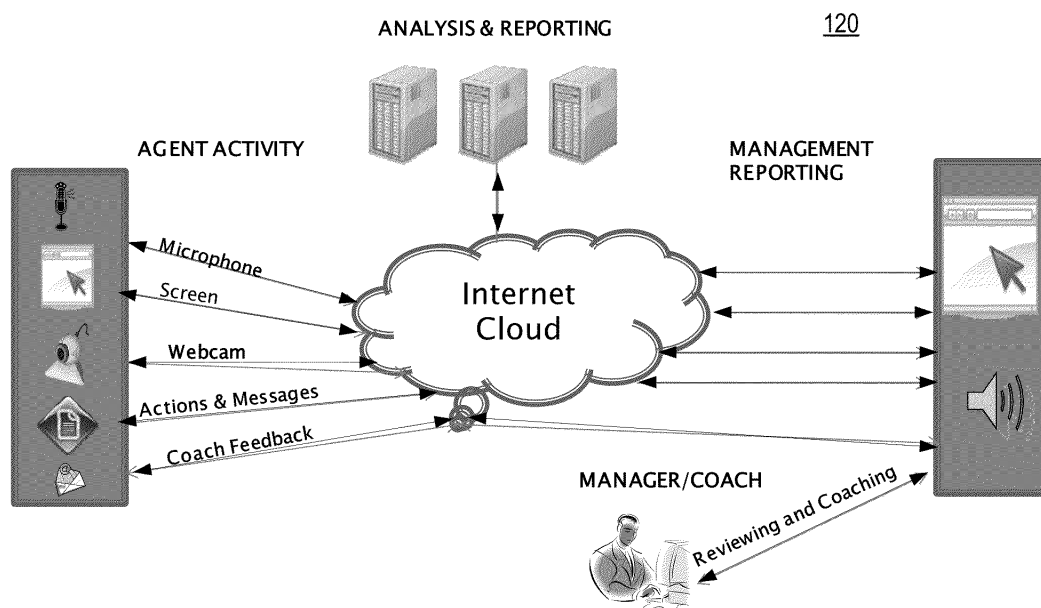
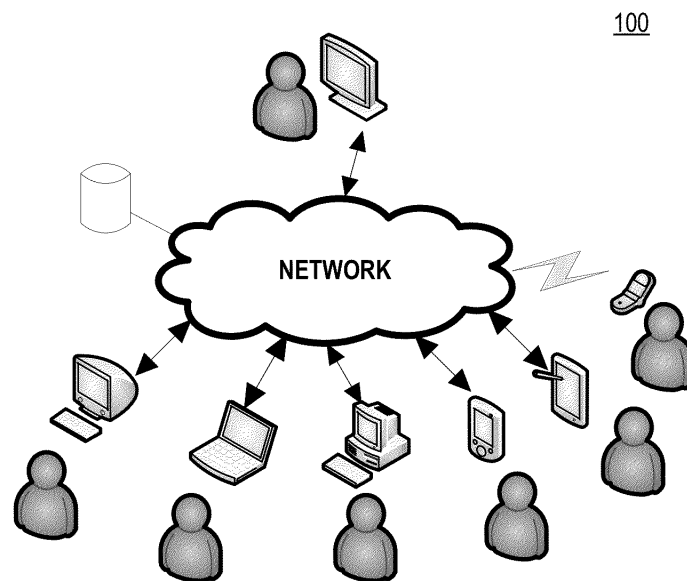
2017-04-04

Family 38/50 - FAMPAT - ©Questel

Title

(WO2012148934)

System, method and computer program product for distributed user activity management

Images

Publication data including kind & date[WO2012148934](#)

A1 2012-11-01

WO2012148934

[US20130110565](#)

A1 2013-05-02

US20130110565

**Abstract**

(WO2012148934)

A system, method and computer program product for providing a user activity management system including: a processor adapted to, e.g., record activity at a user computing device comprising audio; video or image from webcam; user screen capture computing device; environmental data from a sensor; geo-location information from a device; computer usage; electronic communications; or social networking activities; to provide, or transmit activity information to a network cloud for storage, or processing; to make activity information available to: perform at least one of analyzing, viewing, reporting, training, or alerting; to attach a user activity record to IT systems; to verify user commitments; or to process by a third party verification system.

Inventors

MEANS JR ROBERT S

IFTIKHAR NAVEED

Latest standardized assignees - inventors removed

TRANSPARENCY SCIENCES

Publication dates

2012-11-01

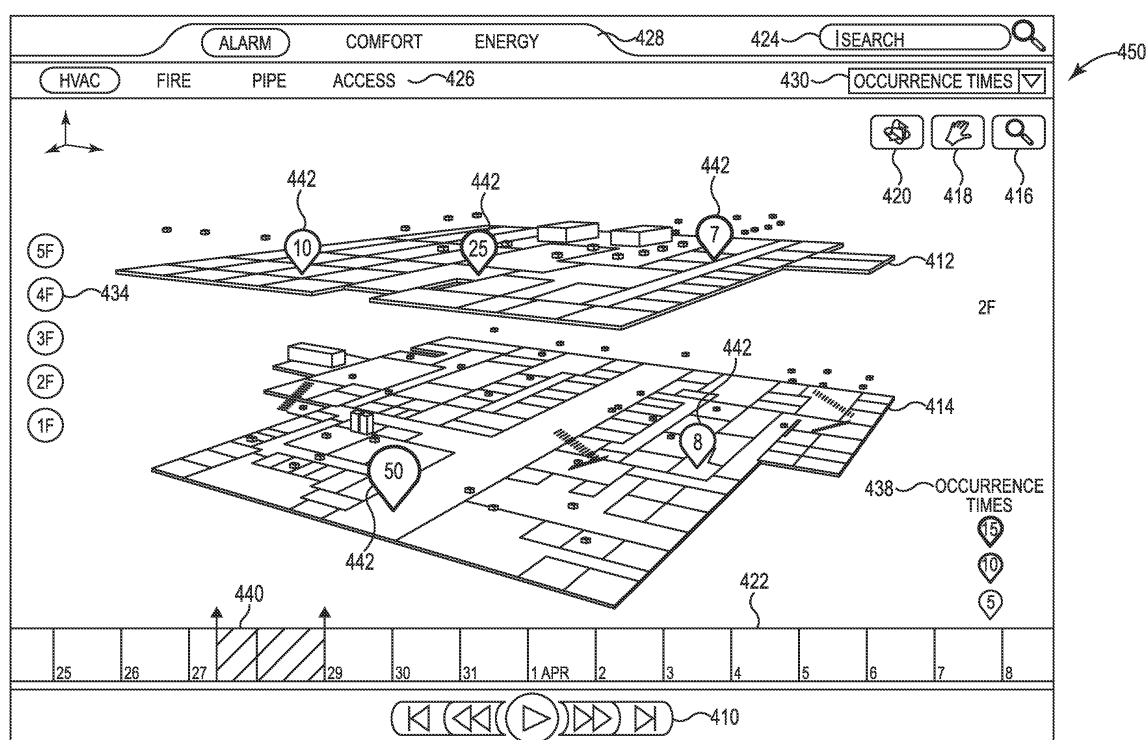
2013-05-02

Family 39/50 - FAMPAT - ©Questel

Title

(US20160033946)

Building management system analysis

Images**Publication data including kind & date**[US20160033946](#)

A1 2016-02-04

US20160033946

**Abstract**

(US20160033946)

Devices, methods, and systems for building management system analysis are described herein. One method includes embedding a plurality of statistics associated with a building within a graphical display of the building and displaying a timeline of the plurality of statistics within the graphical display.

Inventors

ZHU XIAOXUN

ZHANG LUTHER

CHEN HENRY

LIU MULI

SUN YI

ZHANG BINBIN

Latest standardized assignees - inventors removed

HONEYWELL INTERNATIONAL

Publication dates

2016-02-04

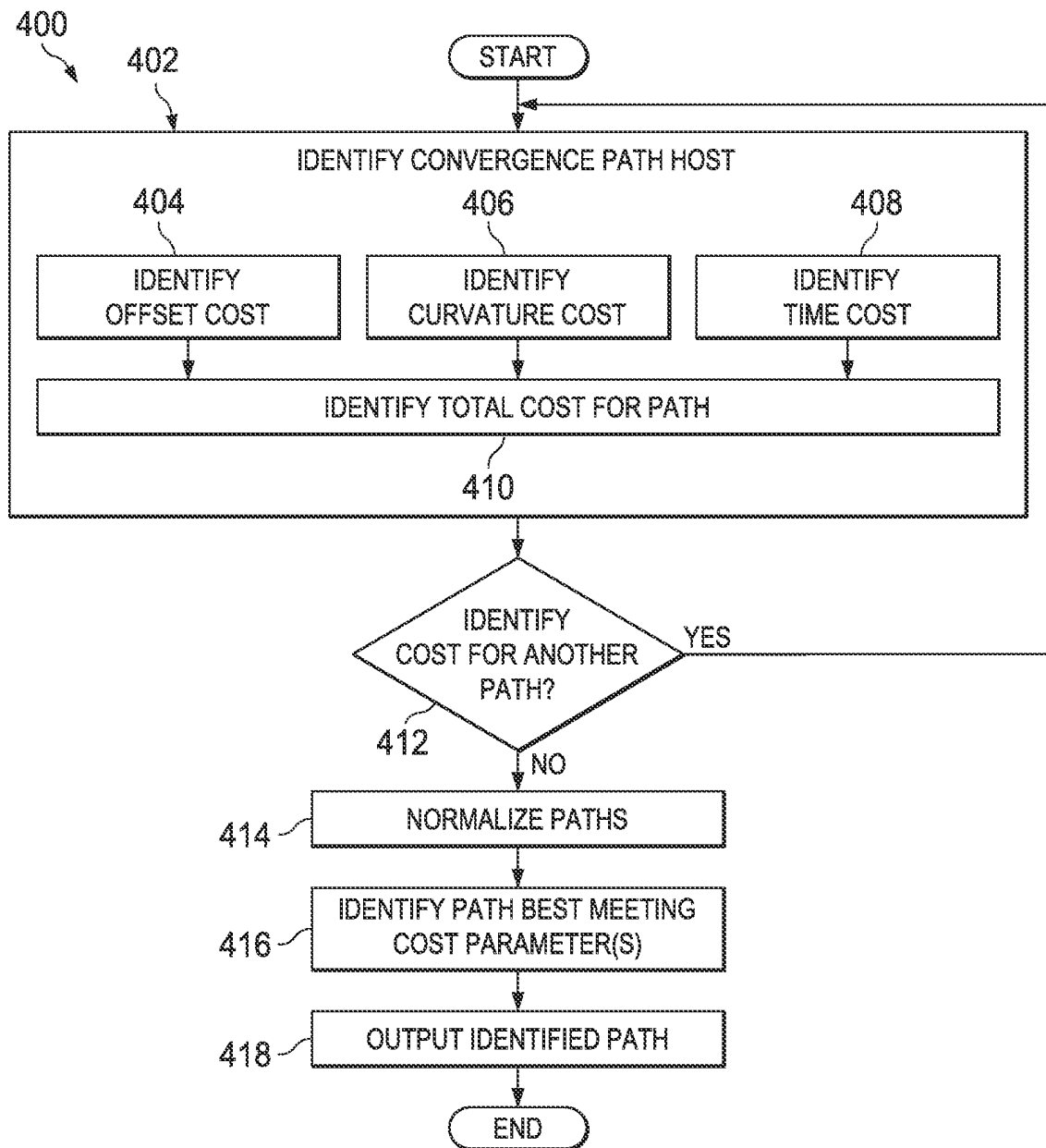
Family 40/50 - FAMPAT - ©Questel

Title

(EP3014062)

System and method for selecting a drilling path based on cost

Images



Publication data including kind & date

CA2914961	A1	2014-12-31	CA2914961				
WO2014210025	A1	2014-12-31	WO2014210025				
US20150006227	A1	2015-01-01	US20150006227				
US8996396	B2	2015-03-31	US8996396				
US20150193705	A1	2015-07-09	US20150193705				
AU2014302666	A1	2016-01-21	AU2014302666				
CN105452600	A	2016-03-30	CN105452600				
EP3014062	A1	2016-05-04	EP3014062				
MX2015017673	A	2016-08-03	MX2015017673				
US20160300313	A1	2016-10-13	US20160300313				
EP3014062	A4	2016-11-02	EP3014062				
AU2014302666	B2	2017-03-30	AU2014302666				
US9865022	B2	2018-01-09	US9865022				
US20180101915	A1	2018-04-12	US20180101915				

Abstract

(EP3014062)

Provided are a system and method for calculating and selecting a convergence path based on cost. In one example, the

method includes identifying multiple geometric convergence paths that each provides a convergence solution from a defined bottom hole assembly (BHA) location to a target path. A total monetary cost is calculated for each of the geometric convergence paths using an offset cost based on a distance of the geometric convergence path from the target path, a curvature cost based on an amount of curvature of the geometric convergence path, and a time cost based on an estimated amount of time needed to drill the geometric convergence path. The total monetary costs of the geometric convergence paths are compared and one of the geometric convergence paths is selected based on the total monetary cost of that geometric convergence path relative to the total monetary costs of the other geometric convergence paths.

Inventors

BENSON TODD W

BURKHART JOHN

CHEN TEDDY C

Latest standardized assignees - inventors removed

MOTIVE DRILLING TECHNOLOGIES

Publication dates

2014-12-31

2014-12-31

2015-01-01

2015-03-31

2015-07-09

2016-01-21

2016-03-30

2016-05-04

2016-08-03

2016-10-13

2016-11-02

2017-03-30

2018-01-09

2018-04-12

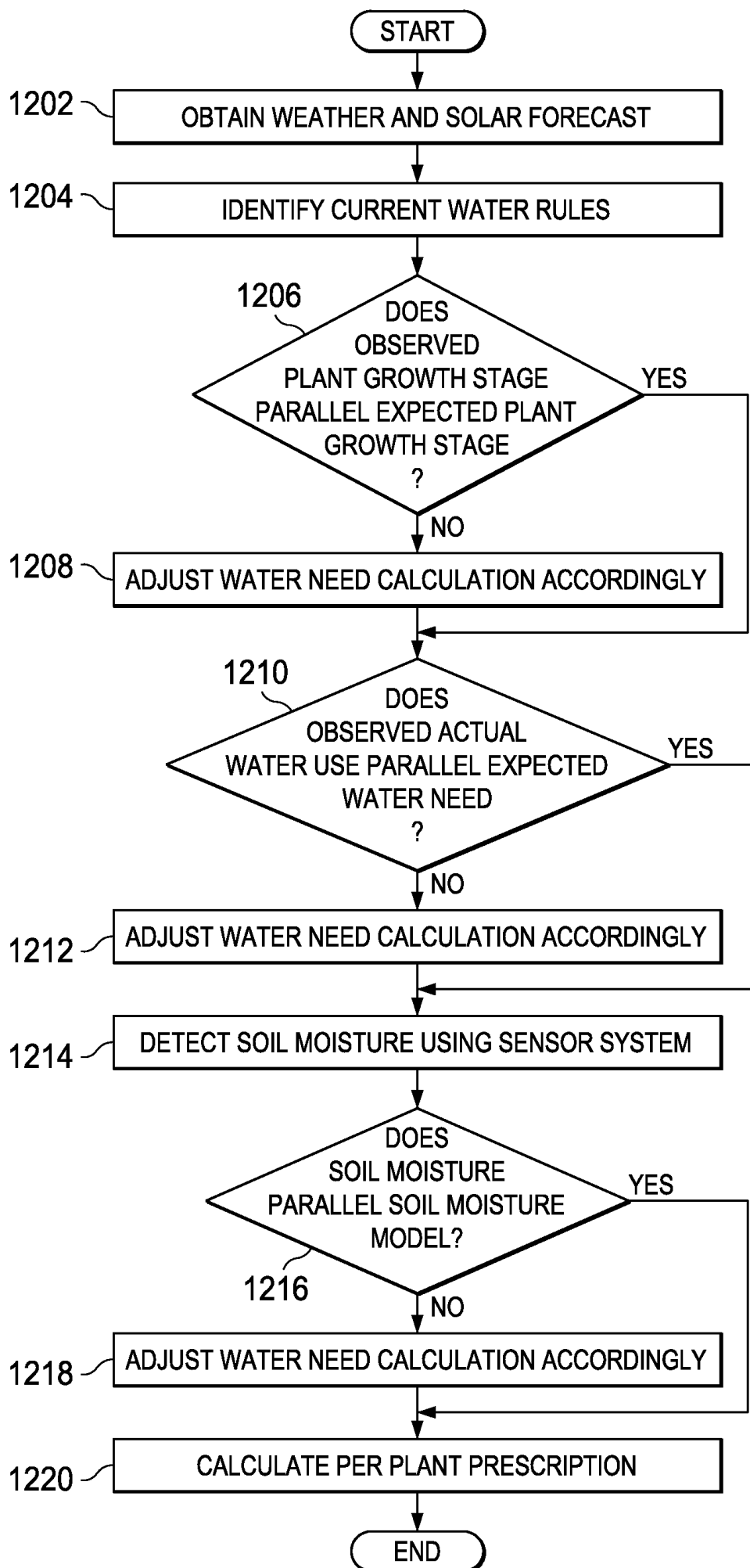
Family 41/50 - FAMPAT - ©Questel

Title

(EP2243353)

System and method for managing resource use

Images



Publication data including kind & date

US20100268562	A1	2010-10-21	US20100268562				
EP2243353	A1	2010-10-27	EP2243353				
CN101872440	A	2010-10-27	CN101872440				
AU2010201509	A1	2010-11-04	AU2010201509				
IL205120	A	2010-11-30	IL-205120				
IN1269/MUM/2010	A	2012-08-10	IN2010MU01269				
EP2243353	B1	2013-03-06	EP2243353				
ES2410370	T3	2013-07-01	ES2410370				
US9538714	B2	2017-01-10	US9538714				

Abstract

(EP2243353)

Therefore, the illustrative embodiments provide a computer implemented method and system for determining individual resource needs for each plant (126, 128, 130) in a plurality of plants (110). Current conditions are identified using a sensor (112) system. A plurality of per plant prescriptions are calculated for the plurality of plants (110) using the individual resource needs and the current conditions. A resource is obtained from a selected resource source (114, 116, 118, 120, 122, 124) in a number of resource sources (108). The resource is stored in a mobile utility vehicle (104) and applied from the mobile utility vehicle to each plant (126, 128, 130) in the plurality of plants (110) according to the plurality of per plant prescriptions.

Inventors

ANDERSON NOEL WAYNE

Latest standardized assignees - inventors removed

DEERE

Publication dates

2010-10-21

2010-10-27

2010-10-27

2010-11-04

2010-11-30

2012-08-10

2013-03-06

2013-07-01

2017-01-10

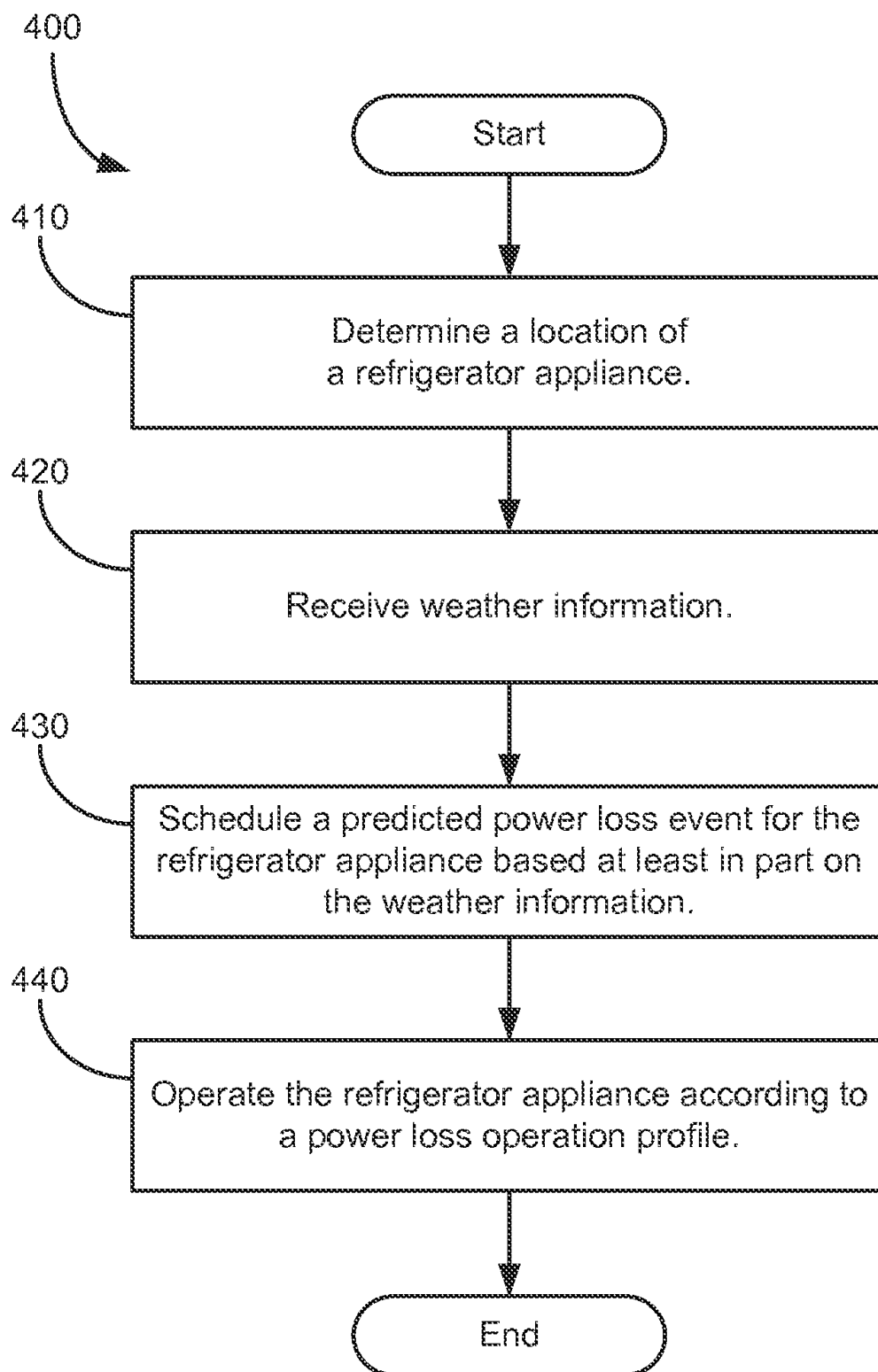
Family 42/50 - FAMPAT - ©Questel

Title

(US9429925)

Method for operating an appliance and a refrigerator appliance

Images

**Publication data including kind & date**

US20150198937	A1	2015-07-16	US20150198937
US9429925	B2	2016-08-30	US9429925

**Abstract**

(US9429925)

A method for operating an appliance, such as a refrigerator appliance, is provided. The method includes establishing a location of the appliance, obtaining weather information associated with the location of the appliance, scheduling a predicted power loss event for the appliance based at least in part on the weather information from the step of receiving,

and operating the appliance according to a power loss operating profile before or during the predicted power loss event. A related refrigerator appliance is also provided.

Inventors

WAIT KEITH WESLEY

Latest standardized assignees - inventors removed

HAIER US APPLIANCE SOLUTIONS

Publication dates

2015-07-16

2016-08-30

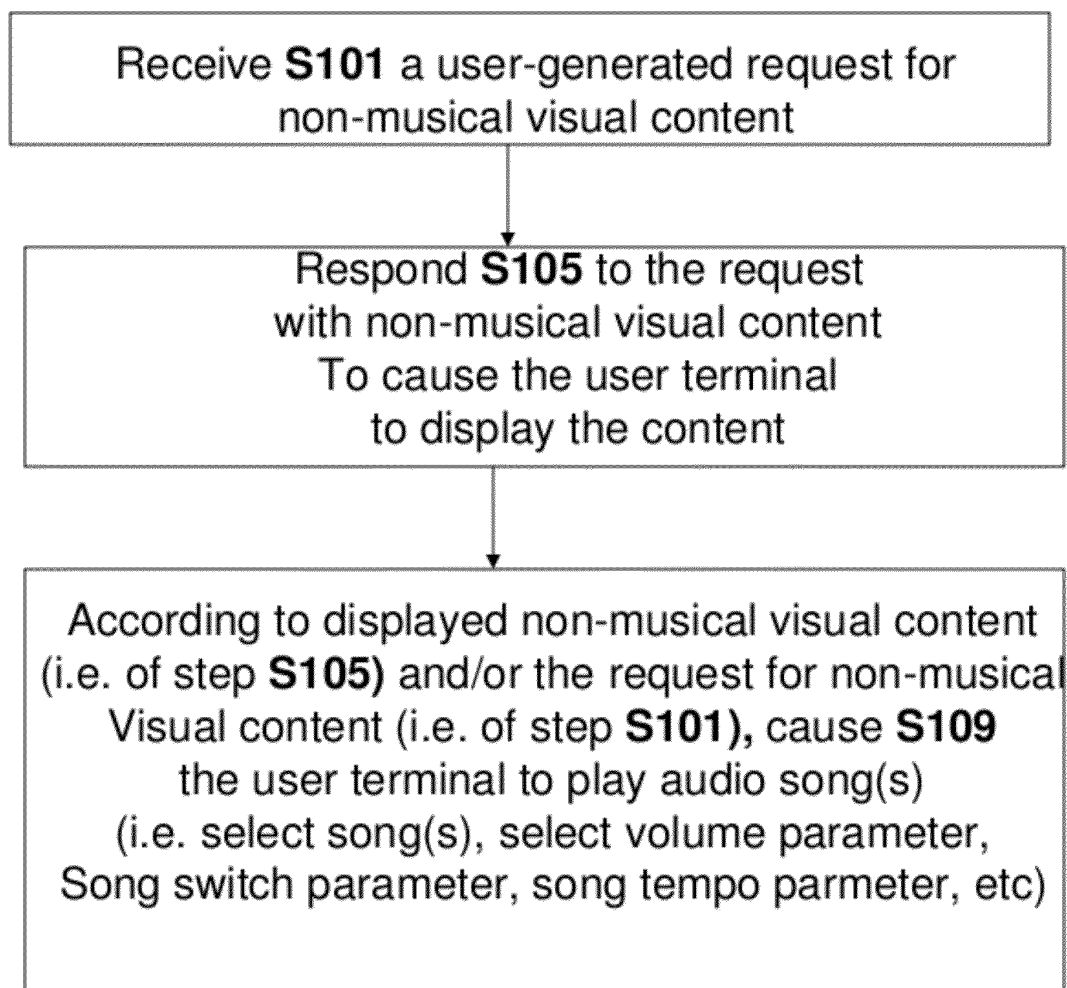
Family 43/50 - FAMPAT - ©Questel

Title

(US8612303)

Method for providing background music

Images



Publication data including kind & date

US8185445	B1	2012-05-22	US8185445
US20120215330	A1	2012-08-23	US20120215330
US8612303	B2	2013-12-17	US8612303
US20140081682	A1	2014-03-20	US20140081682



Abstract

(US8612303)

A method comprising visually providing on a user terminal, business productivity software application functionality and/or utility software application functionality to a user; and causing the user terminal to play one or more audio songs as the user engages the software. The audio songs are selected in accordance with metrics describing usage and/or engagement of the software by the user.

Inventors

PERLMUTER EREZ

Latest standardized assignees - inventors removed

DOPA MUSIC

Publication dates

2012-05-22

2012-08-23

2013-12-17

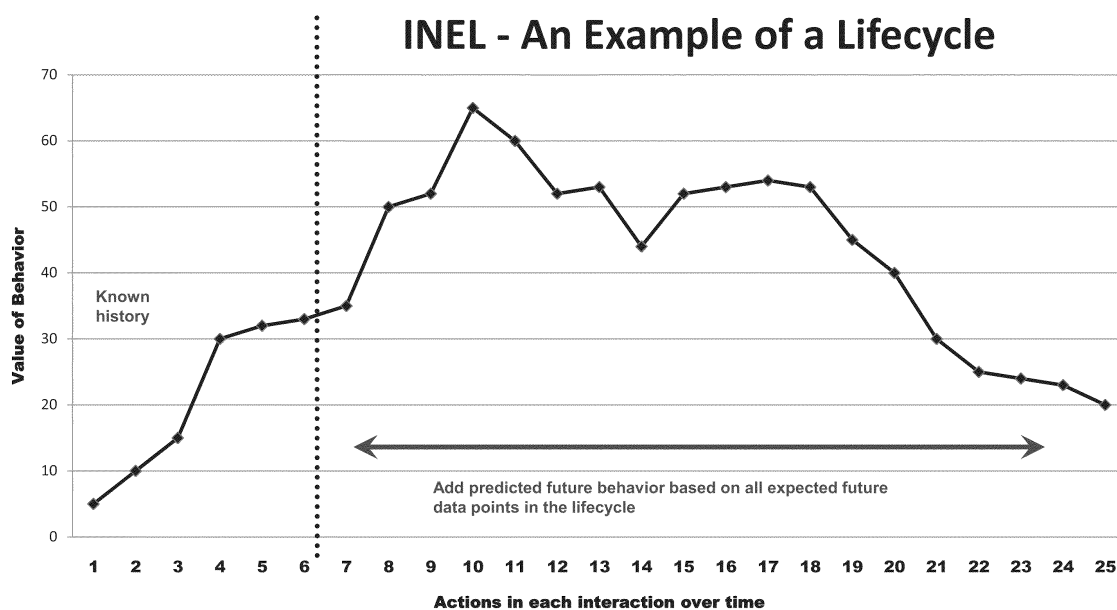
2014-03-20

Family 44/50 - FAMPAT - ©Questel

Title

(WO201108855)

Method of predicting a plurality of behavioral events and method of displaying information

Images**Publication data including kind & date**

WO2011008855	A2	2011-01-20	WO201108855
US20110016058	A1	2011-01-20	US20110016058
WO2011008855	A3	2011-04-28	WO201108855
US20130218616	A1	2013-08-22	US20130218616

**Abstract**

(WO201108855)

A computerized method includes: programming a computer to statistically analyze data describing a plurality of types of behavior for a plurality of entities in order to construct a plurality of behavioral patterns; and programming the computer to compare data describing an entity with the plurality of behavioral patterns in order to use one of the plurality of behavioral patterns as a predictive behavioral pattern predicting a plurality of behavioral events for one type of behavior of the entity occurring over any amount of time up to a lifetime of the entity. A computerized method of displaying information includes:

programming a computer such that a plurality of windows are displayed by a display device and show a plurality of live systems. The windows show where in the plurality of live systems, the computer derived the information that is requested by the user and that is displayed.

Inventors

PINCHUK STEVEN G

Publication dates

2011-01-20

2011-01-20

2011-04-28

2013-08-22

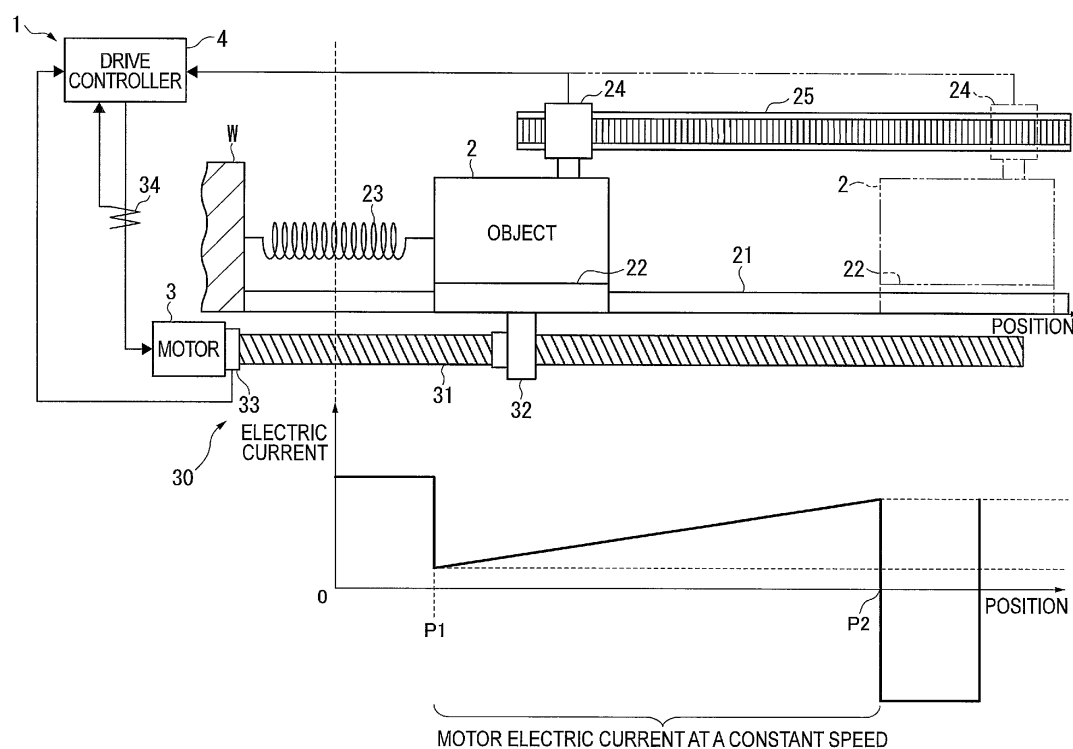
Family 45/50 - FAMPAT - ©Questel

Title

(US9904261)

Drive controller, driving system, and drive control method

Images



Publication data including kind & date

US20150205277	A1	2015-07-23	US20150205277
DE102015201060	A1	2015-07-23	DE102015201060
JP2015138420	A	2015-07-30	JP2015138420
JP6277001	B2	2018-02-07	JP6277001
US9904261	B2	2018-02-27	US9904261



Abstract

(US9904261)

A drive controller includes a speed compensation unit that performs a speed compensation for an object based on a result of comparison made by a speed comparator that compares a current speed of the drive object with a speed indicated by a speed command. The speed compensation unit includes a position-information-based speed gain setting unit that sets a position-information-based variable gain based on position-information-based speed gain information representing a

relationship between a position of the object and position-information-based variable gain that varies depending on a load torque of the motor when the object is present at a predetermined position, and a speed compensation processor that performs a speed compensation based on a result of the comparison in the speed comparator and the position-information-based variable gain set by the position-information-based speed gain setting unit.

Inventors

IGASAKI SHIRO

Latest standardized assignees - inventors removed

MITUTOYO

Publication dates

2015-07-23

2015-07-23

2015-07-30

2018-02-07

2018-02-27

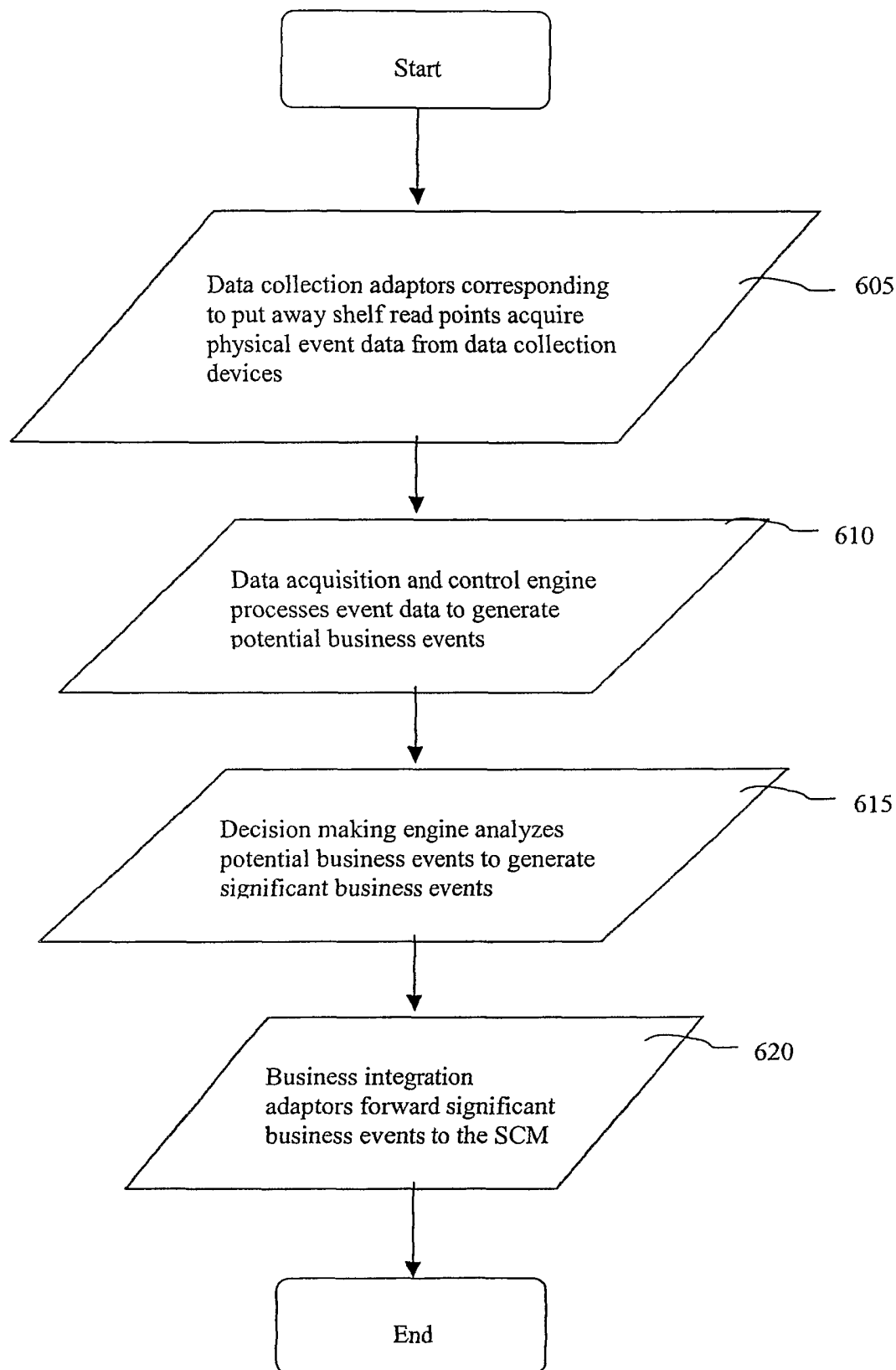
Family 46/50 - FAMPAT - ©Questel

Title

(WO200687730)

A real time business event monitoring, tracking, and execution architecture

Images

**Publication data including kind & date**

WO2006087730	A1	2006-08-24	WO200687730
US20090037193	A1	2009-02-05	US20090037193
US8504397	B2	2013-08-06	US8504397

**Abstract**

(WO200687730)

A computer system (100) enables real-time business event monitoring and tracking by means of a client-server computer

asynchronously acquiring (110) physical event data from a variety of network-connected (105) data collection devices (102), processing the event data on the basis of the knowledge and history of previous events, and analyzing the event data using business logic/rules, filters, and/or other criteria to identify (115) "significant" business events for real-time communication to a network (120) of clients (122). The system (100) is bi-directional in that it also receives business information requests from the clients (122) and processes the requests in the light of the knowledge and history of previous client requests to generate a plurality of device-specific control commands for execution on one or more of the data collection devices (102).

Inventors

VEMPATI SHASHI SHEKHAR

RAMACHANDRA GIRISH A

Latest standardized assignees - inventors removed

INFOSYS TECHNOLOGIES

Publication dates

2006-08-24

2009-02-05

2013-08-06

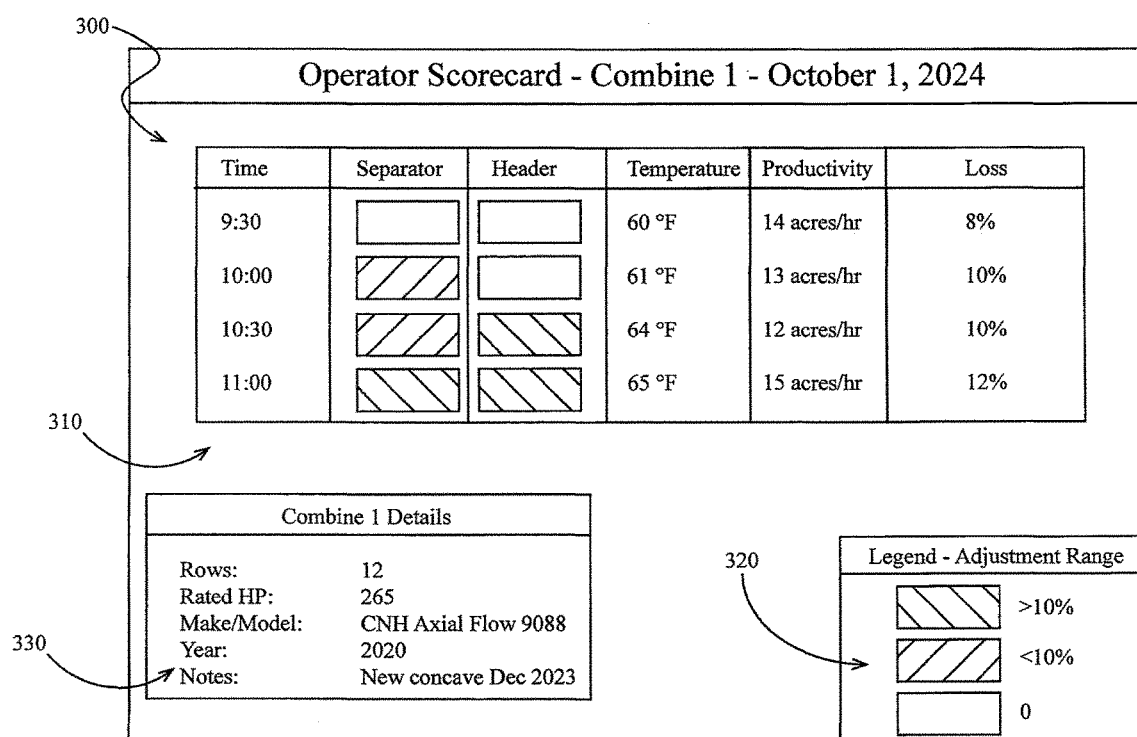
Family 47/50 - FAMPAT - ©Questel

Title

(EP3125670)

Agricultural implement and implement operator monitoring apparatus, systems, and methods

Images



Publication data including kind & date

CA2941026	A1	2015-10-08	CA2941026
WO2015153809	A1	2015-10-08	WO2015153809
AU2015240770	A1	2016-09-08	AU2015240770
CN106163261	A	2016-11-23	CN106163261
IN201617028659	A	2017-01-13	IN201617028659
BR112016020073	A1	2017-01-17	BR112016020073



US20170032473	A1	2017-02-02	US20170032473				
EP3125670	A1	2017-02-08	EP3125670				
BR112016020073	A2	2017-08-15	BR112016020073				
EP3125670	A4	2017-12-20	EP3125670				
AU2015240770	B2	2018-07-19	AU2015240770				

Abstract

(EP3125670)

Apparatus, systems and methods for monitoring one or more agricultural implements during agricultural operations and for monitoring operator performance criterion. In some embodiment, the operator performance criterion may be reported to a monitor on the agricultural implement as well as a remote fleet monitor.

Inventors

KOCH JUSTIN

FRANK WILLIAM

SAUDER DOUG

Latest standardized assignees - inventors removed

CLIMATE

Publication dates

2015-10-08

2015-10-08

2016-09-08

2016-11-23

2017-01-13

2017-01-17

2017-02-02

2017-02-08

2017-08-15

2017-12-20

2018-07-19

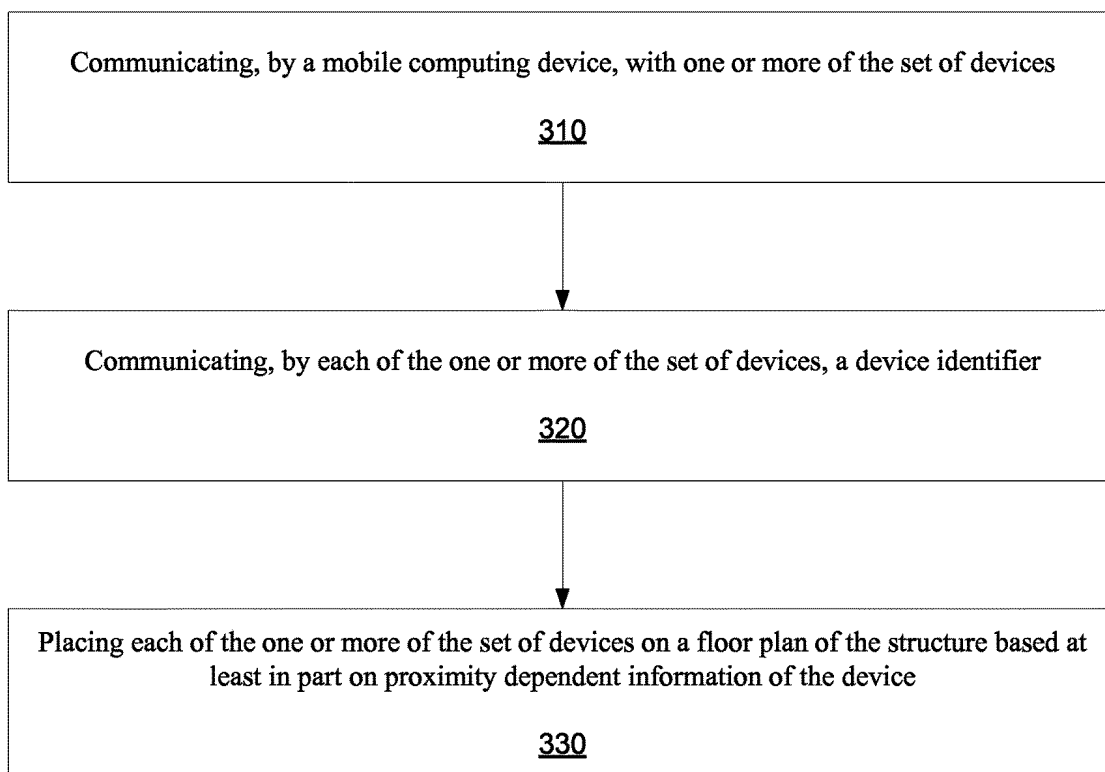
Family 48/50 - FAMPAT - ©Questel

Title

(US9872271)

Tracking locations of a computing device and recording locations of sensor units

Images



Publication data including kind & date

US20140175990	A1	2014-06-26	US20140175990
US20140222213	A1	2014-08-07	US20140222213
US20140235269	A1	2014-08-21	US20140235269
US9618915	B2	2017-04-11	US9618915
US9807849	B2	2017-10-31	US9807849
US9872271	B2	2018-01-16	US9872271



Abstract

(US9872271)

Systems, methods and apparatuses of tracking locations of a computing device and recording locations of sensor units are disclosed. One method includes tracking a location of a computing device within the area, coupling the computing device with a least one of a plurality of sensor units, and identifying and recording a location of the at least one of the plurality of sensor units based on a tracked location of the computing device and an identifier of the at least one of the plurality of sensor units.

Inventors

ERICSSON BO E
MOHAN TANUJ

Latest standardized assignees - inventors removed

ENLIGHTED

Publication dates

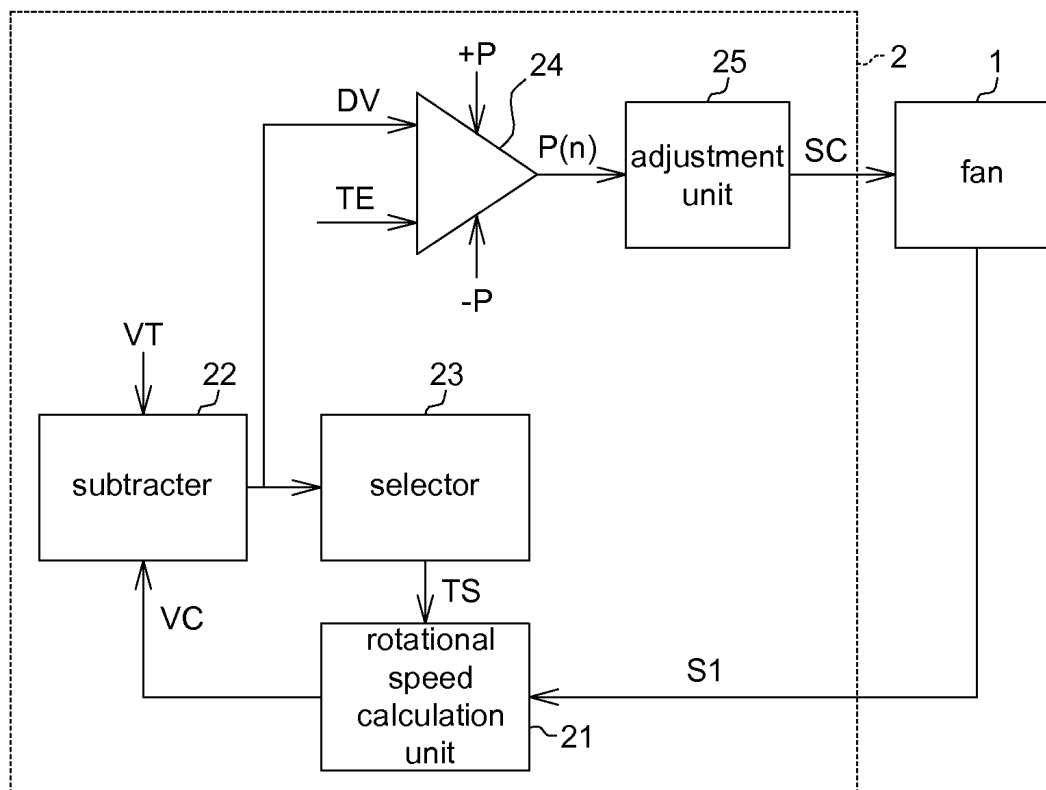
2014-06-26
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2018-01-16

Family 49/50 - FAMPAT - ©Questel

Title

(US20140316577)

Apparatus and method for controlling fan

Images**Publication data including kind & date**

US20140316577	A1	2014-10-23	US20140316577
CN104121214	A	2014-10-29	CN104121214
TW201442414	A	2014-11-01	TW201442414
TWI531152	B	2016-04-21	TWI531152
CN104121214	B	2017-08-18	CN104121214B

**Abstract**

(US20140316577)

An apparatus and a method for controlling a fan are disclosed. The apparatus comprises a subtracter, a decision unit, and an adjustment unit. The subtracter calculates a rotational speed difference between a current rotational speed and a target rotational speed. The decision unit decides an adjust factor according to the rotational speed difference. The adjustment unit changes a rotational speed control signal from a first control signal to a second control signal according to the adjust factor.

Inventors

YU CHUN-JIE

CHEN YU-HUI

Latest standardized assignees - inventors removed

QUANTA COMPUTER

Publication dates

2014-10-23

2014-10-29

2014-11-01

2016-04-21

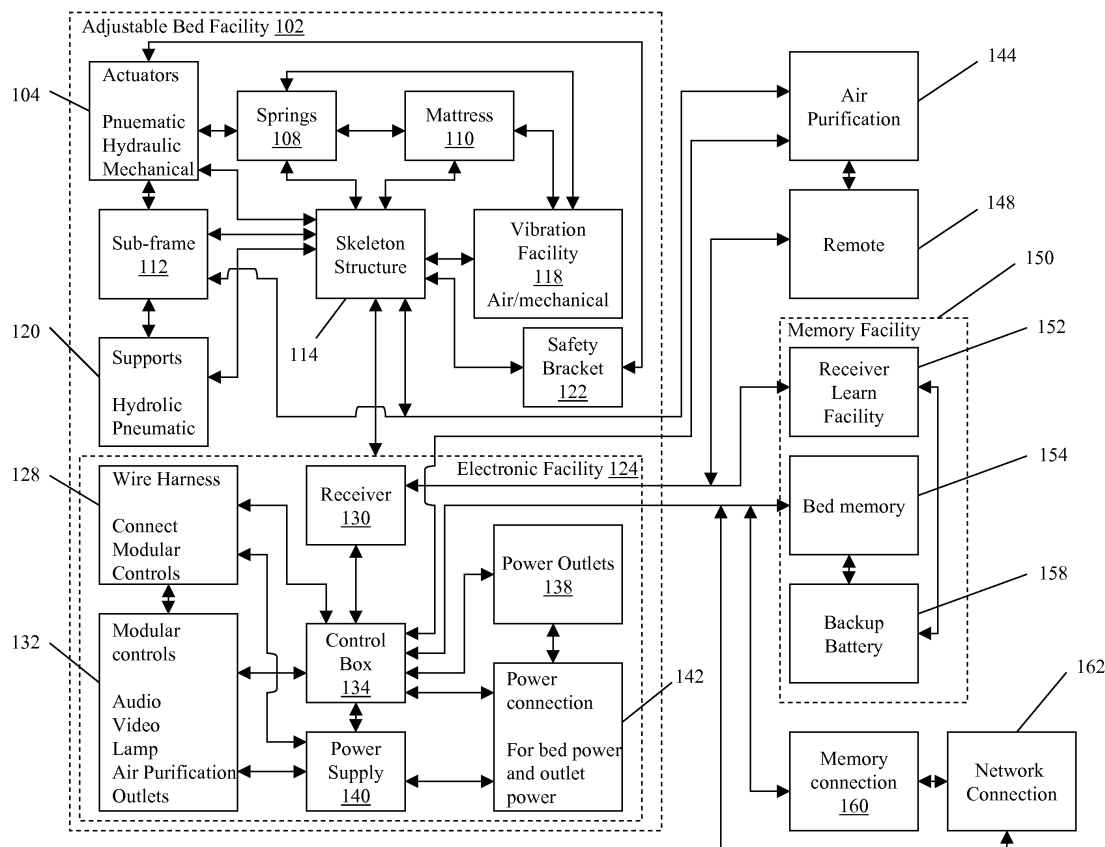
2017-08-18

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Title

(EP2389844)

Adjustable bed

Images**Publication data including kind & date**

US7321811	B1	2008-01-22	US7321811
WO2008034037	A2	2008-03-20	WO200834037
CA2664026	A1	2008-03-20	CA2664026
AU2007296392	A1	2008-03-20	AU2007296392
US20080071200	A1	2008-03-20	US20080071200
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US20080104761	A1	2008-05-08	US20080104761
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US20080104757	A1	2008-05-08	US20080104757
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US8909357	B2	2014-12-09	US8909357				
CN102934921	B	2016-06-22	CN102934921B				

(EP2389844)

Aspects of this invention relate to an adjustable bed that may include one or more articulating portions, and may include one or more components, including an air inflatable mattress associated with the adjustable bed frame, a programmable logic controller, a remote memory storage facility, a remote storage location of user preferences, a cell phone remote control, a modular control device, an air purification facility, a power outlet controller, a Bluetooth remote control, an ultra wide band remote control, a wireless USB remote control, and the like.

Inventors

RAWLS-MEEHAN MARTIN

Latest standardized assignees - inventors removed

ASCION

Publication dates

2008-01-22

2008-03-20

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