

Nicolas Vargas

Search history

Search STA=(sistema and digital and irrigacion and controlada and cultivos) (Results 1)

1:

Search PN=(WO2015164393) (Results 1)

2:

Search [SP]: generating an agriculture prescription a method begins by agriculture equipment collecting current on-site gathered agriculture data regarding an agriculture region and sending at least a representation of the current on-site gathered agriculture data to a host device. the method continues with the host device processing one or more of the at least a representation of the current on-site gathered agriculture data, current off-site gathered agriculture data, historical on-site gathered agriculture data, historical off-site gathered agriculture data, and historical analysis of agriculture predictions regarding the agriculture region to produce a current agriculture prediction for the agriculture region. the method continues with the host device generating an agriculture prescription regarding at least a portion of the agriculture region based on the current agriculture prediction and sending the agriculture prescription to one or more of the agriculture equipment. (Results 11)

Search 3 and prescription (Results 5)

4:

Search 3 and agricultur* (Results 10)

5:

1) Family number: 60603561 (US2015302305A)

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Title: GENERATING AN **AGRICULTURE** PRESCRIPTION

Abstract: Source: US2015302305A [EN] A method begins by **agriculture** equipment collecting current on-site gathered **agriculture** data regarding an **agriculture** region and sending at least a representation of the current on-site gathered **agriculture** data to a host device. The method continues with the host device processing one or more of the at least a representation of the current on-site gathered **agriculture** data, current off-site gathered **agriculture** data, historical on-site gathered **agriculture** data, historical off-site gathered **agriculture** data, and historical analysis of **agriculture** predictions regarding the **agriculture** region to produce a current **agriculture** prediction for the **agriculture** region. The method continues with the host device generating an **agriculture** prescription regarding at least a portion of the **agriculture** region based on the current **agriculture** prediction and sending the **agriculture** prescription to one or more of the **agriculture** equipment.

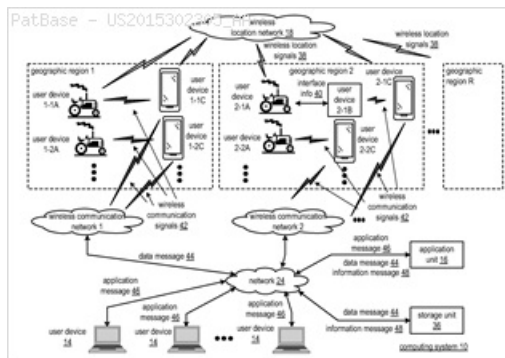
Classifications:

International (IPC 8-9): A01B79/00 A01C21/00 A01C7/08 G01C7/04 G01V3/00 G01V9/00 G06F17/40 G06N5/04 G06Q10/04 G06Q50/02 (Advanced/Invention)

International (IPC 1-7): G01V3/00

CPC: A01B79/005

US: 706/46



Family:

Publication number	Publication date	Application number	Application date
AU2015249888 AA	20151029	AU20150249888	20150421
BR112016024660 A2	20171010	BR20161124660	20150421
CA2945820 AA	20161013	CA20152945820	20150421
CL2016002674 A1	20170616	CL20160002674	20161020
CN106461807 A	20170222	CN201580021214	20150421
CO20160004326 A2	20170331	CO20160004326	20161121
EP3134754 A1	20170301	EP20150782556	20150421
EP3134754 A4	20171122	EP20150782556	20150421
IN201617038153 A	20170217	IN201617038153	20161108
US2015302305 AA	20151022	US20150691280	20150420
WO15164393 A1	20151029	WO2015US26906	20150421

Priority:

US20140981909P 20140421 US20150691280 20150420 WO2015US26906 20150421

Probable Assignee: CLIMATE CORP

Assignee(s): (std): CLIMATE CORP

Assignee(s): DUMSTORFF PATRICK LEE ; KULL A CORBETT S ; PITSTICK STEVE RICHARD ; RUPP CRAIG EUGENE

Inventor(s): (std): DUMSTORFF PATRICK LEE ; KULL A CORBETT S ; PITSTICK STEVE RICHARD ; RUPP CRAIG EUGENE

Inventor(s): STEVE RICHARD PITSTICK ; PATRICK LEE DUMSTORFF ; A CORBETT S KULL ; CORBETT S KULL A ; CRAIG EUGENE RUPP

Agent(s): PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD; RIDOUT AND MAYBEE LLP; ESTUDIO

CLARKE MODET AND CO CHILE LIMITADA; CAROLINA MERCEDES DAZA MONTALVO; BOTTI MARIO; MARKISON TIMOTHY W

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 IR 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 SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM WZ

2) Family number: 63835162 (US2016308954A)

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Title: SYSTEMS AND METHODS FOR CLOUD-BASED **AGRICULTURAL** DATA PROCESSING AND MANAGEMENT

Abstract: Source: US2016308954A [EN] A cloud-based system for integration of **agricultural** data with geolocation-based **agricultural** operations is provided. The system receives **agricultural**-related data associated with a given geographic area and transforms the received data into an analysis-ready format. The system processes the received data through one or more algorithms to determine at least one operation to be performed within the given geographic area. The system generates a set of instructions for execution of the at least one operation within the given geographic area as a function of geolocation, where the instructions are coded for direct use by a controller of a specified type of **agricultural** equipment. The system transmits the instructions over a wireless communication channel to the controller, where the instructions cause the controller to direct operation of the **agricultural** equipment to perform the at least one operation within the given geographic area as a function of geolocation in an automated manner.

Classifications:

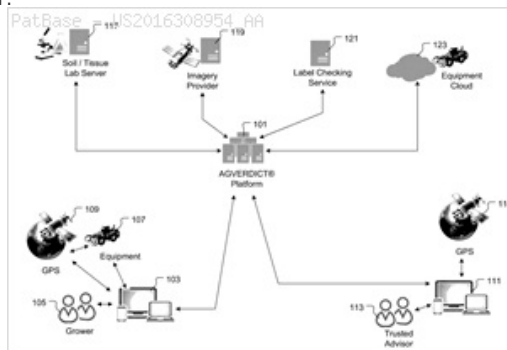
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H04W4/00 (Advanced/Invention)

CPC: H04L67/10 G06F17/30241 H04L67/18 H04L67/12 H04W4/003

H04W4/60

US: 709/217



Family:

Publication number	Publication date	Application number	Application date
US2016308954 AA	20161020	US20160133658	20160420
US2017041407 AA	20170209	US20160299881	20161021
US2017257426 AA	20170907	US20170601558	20170522
US9667710 BB	20170530	US20160133658	20160420
US9813512 BB	20171107	US20160299881	20161021

Priority:

US20150177375P 20150420 US20150245953P 20151023 US20160133658 20160420
US20160299881 20161021 US20170601558 20170522

Probable Assignee: AGVERDICT INC

Assignee(s): (std): AGVERDICT INC ; WILBUR ELLIS CO

Inventor(s): (std): ELLSWORTH JASON ; MOHAPATRA ADARSHA ; OOMMEN TOJI ; THAYER DAVID ; WILBUR MICHAEL

Agent(s): MARTINE PENILLA GROUP LLP

3) Family number: 50963482 (US2012101634A)

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Title: CROP TREATMENT COMPATIBILITY

Abstract: Source: US2012101634A [EN] In a method of ensuring crop treatment compatibility a crop treatment information is received at a computer system. The crop treatment information comprises a real-time location of a crop treatment applicator and a description of a crop treatment resident in the crop treatment applicator. Planted crop treatment information is accessed for a planted field which encompasses the real-time location. The planted crop information comprises a description of a planted crop in the planted field. It is determined whether the crop treatment is compatible with application to the planted crop. In response to determining the crop treatment is not compatible with application to the planted crop, a crop treatment incompatibility action is initiated in real-time from the computer system.

Classifications:

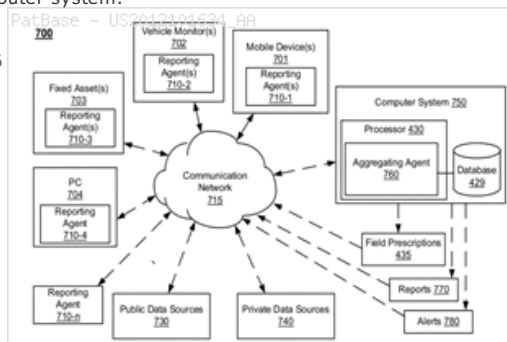
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CPC: G06Q10/06375 G01D18/00 G06K9/00657 G06Q10/063 G06K9/00805 G06K2209/17 A01C21/007 G06F17/30241 A01B79/005 A01C21/00 G06Q10/06312 G06Q10/06 G06Q30/08 G06Q40/04 G06Q50/02 G06Q50/06 Y02A90/15

European: A01B79/00P G06Q10/06 G06Q10/063 G06Q30/08

G06Q40/04 G06Q50/06 G06Q50/06

US: 1/1 382/103 700/266 700/266P 702/19 702/2 702/22 702/82 702/85 702/85S 703/11 703/11P 703/12 703/2 703/2P 703/6 703/9 703/9P 705/37 705/37P 705/7.11 705/7.110P 709/219 709/219S



Family:

Publication number	Publication date	Application number	Application date
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Publication number	Publication date	Application number	Application date
US2016125331 AA	20160505	US20150929055	20151030
US2016147962 AA	20160526	US20160012773	20160201
US2016314542 AA	20161027	US20160202332	20160705
US2017213083 AA	20170727	US20170483062	20170410
US2017308750 AA	20171026	US20170645535	20170710
US9652840 BA	20170516	US20160345027	20161107

Priority:

US20140072911P 20141030	US20150109842P 20150130	US20150109903P 20150130
US20150109888P 20150130	US20150130314P 20150309	US20150154936P 20150430
US20150929055 20151030	US20160012773 20160201	US20160202332 20160705
US20160345027 20161107	US20160012762 20160201	US20160012749 20160201
US20150252102P 20151106	US20170483062 20170410	US20170645535 20170710

Probable Assignee: AGRISIGHT INC

Assignee(s): (std): AGRISIGHT INC

Inventor(s): (std): ASHER MICHAEL ; BLACKMER TRACY ; PRASAD RISHI ; SHRIVER JOHN ; TRUONG HUNG ; VALENTINER ELLIS ; VOLLMAR JESSE ; WIECZOREK DAMIAN

Agent(s): JEFFREY; DIANA

5) Family number: 65615164 (WO17075700A1)

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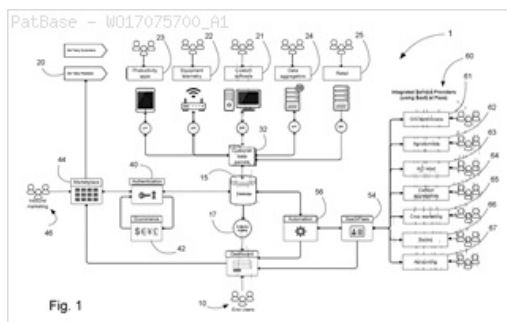
Title: **AGRICULTURAL** ENTERPRISE MANAGEMENT METHOD AND SYSTEM

Abstract: A computer-implemented cloud-based **agricultural** enterprise management system and methods. The system comprises a plurality of modular components for receiving and processing data pertaining to **agricultural** production of commodities by an **agricultural** producer and for centralizing and storing the received and/or processed data in a single cloud-based database. The producer can provide to one or more third-party suppliers and/or service providers, authorized but restricted access to selected components of their **agricultural** enterprise management system and cloud-based database so that together, the producer, suppliers and service providers can effectively and cost-efficiently plan and manage the delivery of products and services during a crop production cycle, and the sale of harvested **agricultural** commodities. Separate modular components may be provided for inputs exemplified by agronomy data, crop production inputs data, crop growth and performance tracking, commodity market data, weather monitoring and forecasting, farm equipment maintenance, enterprise management overhead components.

Classifications:

International (IPC 8-9): G06Q10/06 G06Q50/02 (Advanced/Invention)

CPC: G06Q50/02 G06Q10/0637



Family:

Publication number	Publication date	Application number	Application date
CA2967518 AA	20170308	CA20162967518	20161102
WO17075700 A1	20170511	WO2016CA51271	20161102

Priority:

US20150250091P 20151103	WO2016CA51271 20161102
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Probable Assignee: DECISIVE FARMING CORP

Assignee(s): (std): DECISIVE FARMING CORP

Assignee(s): SCHMALTZ REMI ; DONALD GARTH ; COOLIDGE MICHAEL

Inventor(s): (std): COOLIDGE MICHAEL ; DONALD GARTH ; SCHMALTZ REMI

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

6) Family number: 65966619 (US2017161627A)

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Title: FORECASTING FIELD LEVEL CROP YIELD DURING A GROWING SEASON

Abstract: Source: US2017161627A [EN] A method for predicting field specific crop yield recommendations for a field may be accomplished using a server computer system that is configured and programmed to receive over a digital communication network, electronic digital data representing **agricultural** data records, including remotely sensed spectral property of plant records and soil moisture records. Using digitally programmed data record aggregation instructions, the computer system is programmed to receive digital data representing including remotely sensed spectral property of plant records and soil moisture records. Using the digitally programmed data record aggregation instructions, the computer system is programmed to aggregate the one or more digital **agricultural** records to create and store, in computer memory, one or more geo-specific time series over a specified time. Using the digitally programmed data record aggregation instructions, the computer system is programmed to select one or more representative features from the one or more geo-specific time series and create, for each specific geographic area, a covariate matrix in computer memory comprising the representative features selected from the one or more geo-specific time series. Using mixture linear regression instructions, the computer system is programmed to assign a probability value to a component group in a set of parameter component groups, where each

CPC: G06N7/005 G06Q50/02

Priority:

US20160098131 20160413

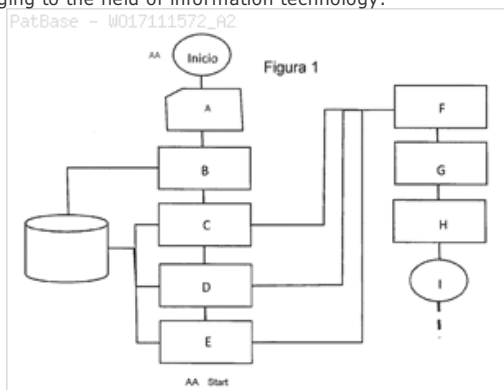
Probable Assignee: CNH INDUSTRIAL AMERICA LLC**Assignee(s):** (std): AUTONOMOUS SOLUTIONS INC ; CNH IND AMERICA LLC**Assignee(s):** CNH INDUSTRIAL AMERICA LLC**Inventor(s):** (std): BUNDERSON NATHAN ERIC ; PETERSEN JOHN ARTHUR MITSURU ; PETERSON JOHN ARTHUR MITSURU ; RAY BRIAN ROBERT**Agent(s):** KANTOR ANDREW L 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 DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KH KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW**8) Family number: 66216446 (WO17111572A3)**

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Title: SYSTEM AND METHOD FOR ASSIGNING PRODUCTIVE POTENTIAL OF FOREST RESOURCES BASED ON A VIRTUAL PLOT**Abstract:** The present invention relates to an automated method for optimising the assignment of the potential of natural resources, based on data collection. Using a logical processing unit, environmental indicators, particularly climate and soil conditions, are optimised to thereby characterise optimised plots in relation to the use of the resources. Given that the use of the method affects an industrial process of generating virtual estimations that can be applied to natural resources by using the productivity thereof, it is therefore considered an invention belonging to the field of information technology.**Classifications:****International (IPC 8-9):** G06F19/00 G06Q10/04

G06Q50/02 (Advanced/Invention);

A01G23/00 G06F17/00 (Core/Invention)

**Family:**

Publication number	Publication date	Application number	Application date
MX2015017896 A1	20170620	MX20150017896	20151221
WO17111572 A2	20170629	WO2016MX00130	20161207
WO17111572 A3	20171109	WO2016MX00130	20161207

Priority:

MX20150017896 20151221

Probable Assignee: INST NAC DE INVESTIG FORESTALES AGRICOLAS Y PECUARIAS**Assignee(s):** (std): INST NAC DE INVESTIG FORESTALES AGRICOLAS Y PECUARIAS ; INSTITUTO NAC DE INVESTIGACIONES FORESTALES AGRICOLAS Y PECUARIAS**Assignee(s):** INSTITUTO NACIONAL DE INVESTIGACIONES FORESTALES AGRICOLAS Y PECUARIAS**Inventor(s):** (std): ALVARO AGUSTIN CHAVEZ DURAN ; CHAVEZ DURAN ALVARO ; FLORES LOPEZ HUGO ERNESTO ; HUGO ERNESTO FLORES LOPEZ**Agent(s):** RENTERIA FLORES JOSE ANTONIO**Designated states:** AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW**9) Family number: 10673568 (US5721679A)**

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Title: Heads-up display apparatus for computer-controlled **agricultural** product application equipment**Abstract:** Source: US5721679A [EN] A heads-up display (HUD) for a self-propelled **agricultural** vehicle or implement particularly for applying a product to a field using a computer-controlled agronomic application system encompassing one or more application maps or animated map display systems-the heads-up display having a projection system relying upon selective refraction at the surface of the vehicle windshield (or a reflection-enhancing coating or screen applied to or used in lieu of projecting the animated map image directly on the windshield surface).**Classifications:****International (IPC 8-9):** A01B79/00 G02B27/01 (Advanced/Invention)**International (IPC 1-7):** G06F165/00**CPC:** A01B79/005 G02B27/01**European:** A01B79/00P G02B27/01**US:** 345/7 701/207 701/208 701/409 701/50

