



New connection on: : 03-05-2018 : 18:37:22 - Last disconnection on: : 03-05-2018 : 18:37:14

V 4.0.0.44358(LP,U,linux) (Rev:43856 2017-04-27 09:03:29 +0200#(D201802)) (RPM D201802)

Welcome to EPOQUE Rebuild under the Production Environment

[EPODOC: SS 2] ..fi EPODOC

 Database: EPODOC

[EPODOC: SS 2] monitor+ AND call+ AND center

Results in EPODOC 2.578

[SS 3] ..v

[EPODOC: SS 3] ..li



1/2.578 © EPODOC / EPO

PN - [TW201803520](#) A 20180201

PR - TW20160122651 20160718

AP - TW20160122651 20160718

DT - I

PA - CATHAY GENERAL HOSPITAL [TW]

TI - A method applying spinal related geometry to evaluate the severity of scoliosis

AB - Spine X-ray film is the easily and reliable method to detect and evaluate the severity of scoliosis. The frequently used method to evaluate and describe the severity of scoliosis in spine X-ray films is so-called "Cobb's angle". However, its measurement reliability still remains controversial. Besides, the curvature of spine scoliosis is difficult to be depicted by one angle value. This new method to measure scoliosis is based on the radius of a circle. According to geometry, there exists only a circle that contains three given points in the same plane. The radius of this circle can be used to depict the curvature of specific spines. Moreover, the location of the **center** can be used to describe the direction of scoliosis in specific vertebrae. By this new method, clinicians or physiatrists can measure every individual vertebra, instead of only one angle value for the whole spine and to avoid the measurement errors by Cobb's angle measurement. The application of the radius ratio is also helpful to overcome the measurement errors due to different size of X-ray. The ratio is the radius dividing by the width of interested vertebra. It provides more accurate and useful information for

clinicians and patients to **monitor** the disease progress and treatment effect.

2/2.578 © EPODOC / EPO

PN - [US2018115651](#) A1 20180426

PNFP - US9961211 B1 20180501

PR - US201615299831 20161021

AP - US201615299831 20161021

DT - *; Rep

CT - || R141 (A1)
[US5710807](#) A 19980120 [] (SMITH DAVID B [US]);
[US7366494](#) B1 20080429 [] (HAM SEOK-JIN [KR])
- || STSE (B1)
[US5425087](#) A 19950613 [] (GERBER EUGENE [US], et al);
[US5710807](#) A 19980120 [] (SMITH DAVID B [US]);
[US5960070](#) A 19990928 [] (O'DONOVAN JOHN JOSEPH [IE]);
[US6324528](#) B1 20011127 [] (HILLSON ANDREW RAINES [CA], et al);
[US7366494](#) B1 20080429 [] (HAM SEOK-JIN [KR]);
[US8224922](#) B1 20120717 [] (HESSION PATRICK [IE], et al);
[US2006182234](#) A1 20060817 [] (SCHERER GORDON F [US]);
[US2007201367](#) A1 20070830 [] (CHEN YUN-CHUNG [US], et al);
[US2016149768](#) A1 20160526 [] (HOOSHIARI ALIREZA [US], et al)

CUI - [H04L65/1006](#) ; [H04M3/5166](#) ; [H04M3/5175](#) ; [H04M15/39](#)

CUA - [H04M2207/08](#)

PA - (A1 B1)
AVAYA INC [US]

TI - (A1)
SYSTEM AND METHOD FOR TRACKING **CALL** BILLING
- (B1)
System and method for tracking **call** billing

AB - (A1 B1)
Tracking a status of an ongoing **call** includes **monitoring**, by a computer of a contact **center**, the ongoing **call** that is connected with a human agent and that originated from a provider network and determining when an automated agent instead of the human agent is connected with the ongoing **call**. The computer of the contact **center** can then send a first message to the provider network, wherein the first message comprises first data indicative that the automated agent instead of the human agent is connected with the ongoing **call**.

3/2.578 © EPODOC / EPO

PN - [US9948783](#) B1 20180417

PR - US201715461526 20170317

AP - US201715461526 20170317

DT - *; Rep

CT - || STSE (B1)
[US9197479](#) B2 20151124 [] (ALTBURG EBBE [US], et al);

[US9680996](#) B2 20170613 [] (KUMAR SANJEEV [US], et al);
[US2004143476](#) A1 20040722 [] (KAPADIA VIREN [US], et al);
[US2006126818](#) A1 20060615 [] (BERGER SCOTT M [US], et al)

CUI - [H04L67/22](#) ; [H04M3/5183](#) ; [H04M3/5191](#) ; [H04M3/523](#) ; [H04M3/5232](#) ; [H04M3/5238](#)
PA - AVAYA INC [US]
TI - Publishing contacts to opt-in users
AB - A method for reducing backlog at a **call center** comprises receiving a request for an agent of a contact **center** from a device associated with a contact and determining a context for the request. Based on the context, the request may be published to a portal service while restricting agents from servicing the request, and the duration of time that the request is published is **monitored**. If an interrupt that indicates that an opt-in user would like to handle the published request is received, then a device associated with the opt-in user is communicably coupled to the device associated with the contact. However, if the time that the request is published surpasses a threshold and an interrupt is not received then the request is removed from being published to the portal service and agents of the contact **center** are allowed to service the request.

4/2.578 © EPODOC / EPO

PN - [US2018097937](#) A1 20180405
PR - US201715809404 20171110; US201514746506 20150622
AP - US201715809404 20171110
DT - **
CCI - [H04M3/5175](#)
CCA - [H04M2203/2038](#)
PA - INTELLISIST INC [US]
TI - SYSTEM AND METHOD FOR PERFORMING CIRCUMSTANCE-SPECIFIC CUSTOMER SATISFACTION **MONITORING** IN AN ONGOING **CALL CENTER** INTERACTION
AB - A system and method for performing circumstance-specific customer satisfaction **monitoring** in an ongoing **call center** interaction are provided. At least one parameter of a message, the message including information regarding giving a signal by a customer of a **call center** indicating a dissatisfaction of the customer, is determined based on at least one of one or more characteristics of the customer and one or more conditions of the **call center**. The message is provided to the customer prior to an interaction between the customer and one of a plurality of agents of the **call center**. The interaction is began, including connecting the customer to one of the agents after the message is provided. **Monitoring** for a receipt of the signal from the customer during the interaction is performed. An action is taken after the receipt of the signal.

5/2.578 © EPODOC / EPO

PN - [CN206946546U](#) U 20180130
PR - CN20172850524U 20170713
AP - CN20172850524U 20170713
DT - I
PA - UNIV JIANGXI NORMAL

TI - Tourist safety management system based on RFID

AB - The utility model discloses a tourist safety management system based on RFID, tourism management technical field, the visitor need wear a bracelet that has the RFID label after getting into the scenic spot, the scenic spot is followed the danger area border and is evenly installed a plurality of RFID read device, the security personnel keeps order near danger area and carries communication terminal simultaneously, the surveillance **center** has in the scenic spot, in case the bracelet that the visitor wore gets into after RFID read device's the discernment scope, RFID read device sends the surveillance **center** with the position data of bracelet, the **monitoring** display screen display of surveillance **center** shows the position of these bracelets, simultaneously near the security personnel in **calling** terminal commander danger area of control personnel in through the surveillance **center** goes to the position of bracelet rapidly, advise the visitor and leave, this system only need drop into a small amount of security personnel and management resource, can in time discover visitor's not safety behavior, , the incident just prevents in advance before taking place, the powerful guarantee visitor's life safety.

6/2.578 © EPODOC / EPO

PN - [CN206946668U](#) U 20180130

PR - CN20172718248U 20170620

AP - CN20172718248U 20170620

DT - I

PA - GUANGDONG MECH & ELECTRICAL COLLEGE

TI - Old person's safety **monitoring** and forewarning and rescue dispatch system

AB - The utility model relates to an old person's safety **monitoring** and forewarning and rescue dispatch system, including physiological **monitoring** bracelet, intelligent communication terminal, safe electric sub-door lock, intelligent navigation ambulance, the emergent **center** of **calling** for help, wherein, the physiological **monitoring** bracelet wear in the old person on hand, **monitoring** old person's rhythm of the heart and six motion data, the physiological **monitoring** bracelet is through wireless and intelligent communication terminal connection, the intelligent communication terminal of receiving physiological **monitoring** bracelet data is passed through WiFi or 4G network transmitter data and is given the emergent **center** of **calling** for help, emergently **calls** for help the family that **center** dispatch intelligent navigation ambulance reaches the old person place, realizes opening fast safe electric sub-door lock through reserving at the digital key of safety at the emergent **center** of **calling** for help. The utility model discloses dangerous control, early warning and rescue scheduling function have, can avoid the old person because of tumble or the accidental condition such as sudden illness again can not the emergence of the tragedy incident that leads to of treatment in time.

7/2.578 © EPODOC / EPO

PN - [CN206876641U](#) U 20180112

PR - CN20172740260U 20170623

AP - CN20172740260U 20170623

DT - I

PA - WEINAN NORMAL UNIV

TI - Broken **monitor** of glass

AB - The utility model discloses a broken **monitor** of glass, including sound collection device, single chip microcomputer system, bee **calling** organ and pilot lamp, sound collection device's signal output part with single chip microcomputer system's signal input part connects, single chip microcomputer system's signal output part with bee **calling** organ with the pilot lamp is connected. Use MSP430 low -power consumption MCU as the core, nRF24L01 is wireless transmission module, and produced analog signal is through filtering when broken with glass, and the ADC sampling is shown on host computer or cell -phone by the wireless transmission behind the analysis processes in real time. This design can the real -time impaired condition that will be surveyed glass show to control **center**, can apply to a great deal of places such as door and window, jewelry platform, exhibition hall and library. The design has the accuracy height for the broken detecting system of glass in the past, and the interference killing feature is by force and a great deal of advantages such as remote **monitoring** that can be long -time have the value of using widely.

8/2.578 © EPODOC / EPO

PN - [CN206877472U](#) U 20180112

PR - CN20172878250U 20170719

AP - CN20172878250U 20170719

DT - I

PA - CHONGQING UPSOFT TECH CO LTD

TI - Natural gas leakage on -line detector

AB - The utility model discloses a natural gas leakage on -line detector, survey appearance and trunk gateway including natural gas detection, natural gas detection surveys the appearance and includes: detector main control board, power adapter, natural gas detection survey sensor, 433M wireless transmission module and natural gas solenoid valve, the trunk gateway includes: gateway main control board, 433M wireless transmission module, GPRS wireless module, ETH are with the ethernet interface. The utility model discloses natural gas leakage on -line detector can reveal natural gas line by online self -closing when detecting the natural gas and reveal, still can send control signal to bee **calling** organ when detecting the natural gas and reveal, bee **calling** organ sends to report to the police and reminds for its function that has online warning, and the detection data of natural gas leakage detector can transmit the data **center** server to through the trunk gateway to can realize detecting in time reporting of data, avoid loss of data, play remote **monitoring**'s effect.

9/2.578 © EPODOC / EPO

PN - [WO2018039958](#) A1 20180308

PR - WO2016CN97452 20160831

AP - WO2016CN97452 20160831

DT - *; Rep

CUI - [B66B5/00](#)

PA - LIU ZHE [CN]

TI - SMART SAFETY SYSTEM FOR OPERATION OF ELEVATOR ON BASIS OF INTERNET OF THINGS

AB - A smart safety system for operation of an elevator on the basis of the Internet of things comprises a central control box (1), a driving power box (2), an elevator shaft (3), an elevator (4), an elevator exit (5), an external control panel (6), an air conditioner (7), an elevator state **monitoring** machine (8), a fault sensor (9), a camera (10), a ventilation opening (11), an elevator security gateway (12), a temperature and humidity controller (13), an infrared detection sensor (14), an internal control panel (15), a display screen (16), an automatic voice prompting machine (17), a smart gateway (18), a residential area **monitoring center** (19), a cloud terminal (20), a second-level security instrumented platform (21), a mobile terminal (22), and a first-level security instrumented platform (23). In the smart safety system for operation of an elevator on the basis of the Internet of things, by remotely **monitoring** the elevator, the system can automatically play pacifying voices when the elevator where a person is trapped has a fault, so that the person can be reminded of how to operate to escape, so as to avoid escalation of the danger; by means of the fault sensor and the elevator state sensor, automatic alarming and automatic **calling** are implemented during the overall process without needing any operation made by the passenger.

10/2.578 © EPODOC / EPO

PN - [US2018068240](#) A1 20180308

PR - US201715806786
20171108; US20060559519
20061114

AP - US201715806786 20171108

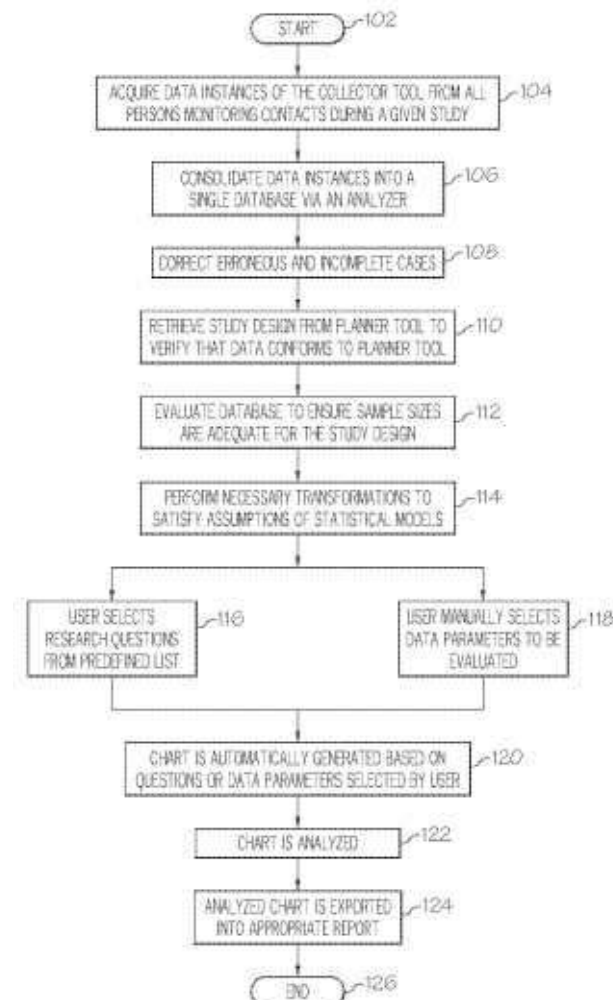
DT - **

CCI - [G06Q10/06](#)

PA - IBM [US]

TI - METHOD AND SYSTEM FOR
ANALYZING CONTACT STUDIES

AB - A method, system and computer-readable medium for analyzing contact studies for a **call** service **center** is presented. The method includes the steps of: acquiring data instances of a Collector tool from all persons **monitoring** contacts at a **call** service **center** during a given study period; retrieving a study design from a Planner tool to verify that acquired data instances conform to the study design; selecting data parameters for the acquired data instances, wherein the data parameters describe multiple features of the acquired data; automatically selecting an



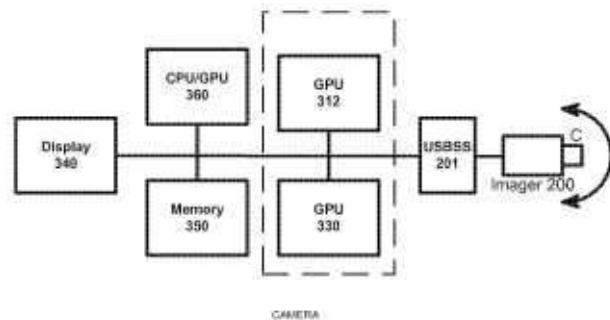
appropriate chart format that is appropriate for measurement units used by the data parameters; and creating a chart using the appropriate chart format and the data parameters. The steps in the method may all be automatically performed by an Analyzer logic.

11/2.578 © EPODOC / EPO

- PN - [US2018054519](#) A1 20180222
- PR - US201715490384 20170418; US201615238826 20160817
- AP - US201715490384 20170418
- DT - **
- CCI - [H04L65/605](#) ; [G06F21/80](#) ; [H04L65/1083](#)
- CUI - [H04M3/42221](#) ; [H04M3/5175](#)
- CCA - [G06F2221/2143](#)
- CUA - [H04M2203/60](#) ; [H04M2203/301](#) ; [H04M2203/303](#) ; [H04M2203/558](#)
- CQA - [H04L67/1097](#)
- PA - AUTHORITY SOFTWARE LLC [US]
- TI - **Call Center** Audio Redaction Process and System
- AB - The redaction process/system operates on temporarily captured/saved audio file during an agent-customer-**call center** (CC) **call**. Voice-based audio data is captured and processed by **monitoring** data input from CC-agent into a defined data field (field in a CC-agent-presented form). The redact process generates a start-record time based upon initial data input into the field and further generates an end-of-recording (“EOR”) time for the field. The audio file is filtered and segments are permanently saved audio data (A-data) bounded by the start-record and EOR times. Thereafter, all stored audio data is deleted (preferably crypto-shredded) except the saved A-data to substantially eliminate retrieval of initially stored audio data. An IVR process can be used to trigger record ON/OFF instructions. Audio file segments can be trimmed with precursive and successive time periods to move the start and end times of the audio segments. System Operator sets time-trim periods.

12/2.578 © EPODOC / EPO

- PN - [US2018048858](#) A1 20180215
- PR - US201715396665
20170101; US20100713183
20100226; US201313773270
20130221; US201414147575
20140105; US20100308307P
20100226
- AP - US201715396665 20170101
- DT - **



CCI - [G06N3/063](#) ; [G06N3/084](#) ;
[H04N5/23238](#) ; [H04N5/2628](#) ;
[H04N5/265](#) ; [H04N7/15](#) ;
[H04N7/181](#) ; [H04N19/436](#)

CUI - [G06F3/005](#) ; [H04N5/23222](#) ;
[H04N5/23229](#) ; [H04N7/12](#)

PA - TRAN BAO [US]

TI - HIGH DEFINITION CAMERA

AB - A smart camera system is disclosed. The camera can work with cloud data storage systems and compute cloud. A **call center** can access the cloud to provide security **monitoring** services.

13/2.578 © EPODOC / EPO

PN - [US2018047275](#) A1 20180215

PR - US201715794700 20171026; US201414454655 20140807; US201313758055 20130204; US201261596780P 20120209

AP - US201715794700 20171026

DT - **

CT - || R141 (A1)
[US9830798](#) B2 20171128 [] (POURSOHI ARSHAN [US], et al)

CCI - [G05B15/02](#)

CUI - [B25J9/161](#) ; [B25J9/1671](#) ; [G06N3/008](#) ; [G08B21/182](#)

CQI - [G01N33/00](#)

CCA - [G08B13/00](#) ; [G08B17/00](#) ; [G08B21/12](#) ; [G05B2219/2642](#)

CUA - [G05B2219/39168](#)

PA - X DEV LLC [US]

TI - Systems and Methods for Using Robots to **Monitor** Environmental Conditions in an Environment

AB - Methods and devices are disclosed for **monitoring** environmental conditions in one or more environments. In one embodiment, the method includes maintaining a plurality of environmental-condition thresholds, each of which corresponds to an environmental condition and is predetermined based on data corresponding to the environmental condition that is received from a plurality of robots. The method further includes receiving from a first robot first data corresponding to a first environmental condition in a first environment. The method may still further include making a first comparison of the first data and a first environmental-condition threshold corresponding to the first environmental condition and, based on the first comparison, triggering a notification. Triggering the notification may comprise transmitting to the robot instructions to transmit the notification to at least one of a **call center** and a remote device.

14/2.578 © EPODOC / EPO

PN - [CN107657989](#) A 20180202

PR - CN20171839168 20170911

AP - CN20171839168 20170911

DT - I

PA - UNIV TAISHAN MEDICAL

TI - Multi-mode medical image platform based on sparse learning and mutual information

AB - The invention relates to a multi-mode medical image platform based on sparse learning and mutual information. The platform is characterized by comprising a basic information system, a simulation system and a real-time **monitoring** system, wherein the basic information system and the simulation system are connected by a data transmission network cable, the basic information system and the real-time **monitoring** system are connected by a data transmission network cable, and the simulation system and the real-time **monitoring** system are connected by a data transmission network cable. The real-time **monitoring** system combines detection means such as infrared imaging, fluorescence imaging, biological imaging and laser and infrared ranging, compares and **calls** CT and MRI anatomical images and SPECT and PET organ metabolism information images in a data **center** and in the basic information system, and compares the pathological information of lesions, so as to guide the operators' work and the doctors' diagnosis and pathological judgment. Therefore, the real-time performance and accuracy of diagnosis and treatment by doctors for major and difficult miscellaneous diseases are improved.

15/2.578 © EPODOC / EPO

PN - [CN107633650](#) A 20180126

PR - CN20171928173 20171009

AP - CN20171928173 20171009

DT - I

PA - UNIV JIANGSU

TI - Double-source triggering type vehicle emergency help-**calling** system and method based on smartphone APP

AB - The invention discloses a double-source triggering type vehicle emergency help-**calling** system and method based on a smartphone APP. The method includes: acquiring vehicle acceleration data, namely the operation state, and a sound signal that whether an airbag is popped up through an acceleration sensor and a sound sensor of a smartphone; performing assessment by employing the APP, comparing the acquired sound data and the vehicle acceleration data with the predefined vehicle operation state and the sound signal, and determining whether a traffic accident occurs and whether an emergency help-**call** is triggered; and if yes, performing the emergency help-**calling**, locating a rescue **center** closest to the position of a vehicle by employing a GPS module, and emitting the emergency help-**call** to the rescue **center** through a wireless communication module (preferably a 4G module) to realize automatic emergency help-**calling** during occurrence of the accident. According to the system and method, the operation state of the vehicle is **monitored** and assessed in real time through the smartphone APP, and the emergency help-**call** can be automatically emitted through the smartphone when victims are unconsciousness or unable to **call** for help.

16/2.578 © EPODOC / EPO

- PN - [CN107612713](#) A 20180119
- PR - CN20171717067 20170821
- AP - CN20171717067 20170821
- DT - I
- PA - TONGCHENG NETWORK TECH CO LTD
- TI - Method for managing rear end service
- AB - The invention discloses a method for managing rear end service. The method comprises the following steps that a service management system configures item information and sends the item information to a service registration **center**; the service registration **center** issues route configuration information of corresponding service items to a client and a server according to the item information; and the client and the server pull corresponding service configuration list information from the service registration **center** according to the service, **call** corresponding service interfaces according to the issued route configuration information, and search corresponding service addresses, thereby finishing service **call**. Centralized service processing and **monitoring** are realized through the service registration **center**, uniform service interfaces are provided externally, all service requests are uniformly interacted with a service provider of a rear end node through request addresses issued by the service **center**, various client access is supported, the business reuse and integration are facilitated, the flexibility of distributed architecture is improved, and a utilization rate of the service is improved.

17/2.578 © EPODOC / EPO

- PN - [CN107577555](#) A 20180112
- PR - CN20171596730 20170719
- AP - CN20171596730 20170719
- DT - I
- PA - SIGNAL & COMMUNICATION RES INSTITUTE OF CHINA ACADEMY OF RAILWAY SCIENCES; CHINA ACAD RAILWAY SCIENCES; BEIJING HUATIE INFORMATION TECH DEVELOPMENT GENERAL CO LTD; BEIJING RUICHI NATIONAL RAILWAY INTELLIGENT TRANSP SYSTEM ENGINEERING TECHNOLOGY CO LTD
- TI - Wireless shunting locomotive signal and **monitoring** system maintenance management method
- AB - The invention discloses a wireless shunting locomotive signal and **monitoring** system maintenance management method. An analysis **center** is remotely connected with each station locomotive device in a wireless shunting locomotive signal and **monitoring** system by utilizing an existing microcomputer **monitoring** network channel; and the analysis **center** performs maintenance management on each station locomotive device. The method comprises the steps of **monitoring** a running state of each station locomotive device, and when an alarm signal sent by a station locomotive device is received, backing up important data of the corresponding station locomotive device; and querying related data of the specified station locomotive device through an online query instruction, obtaining historical record data meeting a retrieval condition and **called** by each station locomotive device by sending a retrieval instruction to each station locomotive device, and assessing a health state of each station locomotive

device. The method can improve efficiency of device maintenance, upgrading and management, and ensure security application of the system on site.

18/2.578 © EPODOC / EPO

- PN - [US9882944](#) B1 20180130
- PR - US201615212767 20160718; US201615086245 20160331
- AP - US201615212767 20160718
- DT - **
- CT - || STSE (B1)
[US7023979](#) B1 20060404 [] (WU WAI [US], et al);
[US2005047579](#) A1 20050303 [] (SALAME MANSOUR A [US]);
[US2017272575](#) A1 20170921 [] (OUIMETTE JASON P [US])
- CCI - [H04L65/1006](#) ; [H04L65/1069](#) ; [H04L65/608](#) ; [H04L65/80](#)
- CUI - [H04L43/087](#) ; [H04M1/6505](#) ; [H04M3/2227](#) ; [H04M3/245](#) ; [H04M3/42195](#) ;
[H04M3/5166](#) ; [H04M3/56](#) ; [H04M3/58](#) ; [H04L45/28](#) ; [H04L65/1086](#)
- CUA - [H04M2207/08](#)
- PA - NOBLE SYSTEMS CORP [US]
- TI - Handling audio path failure and poor quality of service for voice **calls** in a contact **center**
- AB - Various embodiments of the invention provide methods, systems, and computer program products for handling an audio path failure and/or non-conformant QoS for a **call** between a contact **center** agent and remote party. Specifically, an audio path is established to a first telephony device being used by the agent and a **call** is bridged onto the audio path so that audio can be streamed back-and-forth between the first telephony device and a second telephony device being used by the party. Accordingly, various embodiments of the invention involve **monitoring** the audio path to detect an audio path failure and/or non-conformant QoS for the audio and bridging the **call** onto a second audio path when a failure or non-conformant QoS is detected so that the **call** is not disconnected from the second telephony device and a third device (e.g., IVR) can stream audio over the second audio path to the second telephony device.

19/2.578 © EPODOC / EPO

- PN - [CN107547856](#) A 20180105
- PR - CN20161816907 20160912
- AP - CN20161816907 20160912
- DT - I
- PA - ZHENGZHOU BLUEEYE TECH CO LTD
- TI - Community safety video **monitoring** method
- AB - The invention provides a community safety video **monitoring** method. Master cameras are mounted for main areas of community entrances and exits and a plurality of floor entrances and exits. Camera complete coverage is carried out on the community entrances and exits. Various floors are covered by floor **monitoring** cameras. A community safety **monitoring center** is set. The community safety **monitoring center** comprises a video display module and a camera **call** module. Videos collected by the master cameras are uploaded to the community safety **monitoring center** continuously

and are displayed in real time. Whether to start the cameras or the floor **monitoring** cameras or not is judged according to video information collected by the master cameras, thereby carrying out complete **monitoring**. The community safety video **monitoring** method has the advantages of scientific design, high practicability, reliable **monitoring** effect, high camera utilization rate and low **monitoring** cost.

20/2.578 © EPODOC / EPO

PN - [CN107545704](#) A 20180105
PR - CN20171881544 20170926
AP - CN20171881544 20170926
DT - I
PA - ZHOU HONGBIN
TI - Drowning alarming ring
AB - The invention relates to a drowning alarming ring. The alarming ring is worn on a finger, an alarming button faces the palm, if a swimmer is beyond a management range, the alarming ring can send a signal to a **monitoring center** and automatically send a voice alarm, and a display of the **monitoring center** can timely display the specific position of the swimmer through a GPS and continuously warn the swimmer of returning a safety area through the alarming ring; if the swimmer drowns, the drowner quickly presses the alarming button with the thumb wearing the ring, the alarming ring **calls** for help loudly, information is quickly transmitted to the **monitoring center**, and the **monitoring center** timely determines the specific position of the drowner through visual inspection and the GPS and takes rescue measures to rescue the person.

21/2.578 © EPODOC / EPO

PN - [CN107545744](#) A 20180105
PR - CN20171809657 20170911
AP - CN20171809657 20170911
DT - I
PA - TRAFFIC MANAGEMENT RES INSTITUTE OF THE MINISTRY OF PUBLIC SECURITY
TI - Special traffic signal control system and method based on matching correction of GPS and GIS lines
AB - The invention provides a special traffic signal control system based on the matching correction of GPS and GIS lines. The system comprises a GPS module, a GIS rectification module, a decision module, a circuit configuration module and a wireless communication module arranged in a special vehicle, a **monitoring** module and a signal control command module arranged in a command **center**, wherein the GPS module is connected to the GIS rectification module which is connected to the decision module, the decision module **calls** the data of the circuit configuration module is connected to the signal control command module by using the wireless communication module, the **monitoring** module can obtain running states and data of the GIS rectification module, the signal control command module and the circuit configuration module, and the signal control command module communicates with signal machines at intersections and is in mutual communication with the wireless communication module in the special vehicle. According to the system, the work can be simplified in performing special line tasks, the investment of police force

is reduced, and the influence on social traffic is weakened.

22/2.578 © EPODOC / EPO

- PN - [KR20170136251](#) A 20171211
- PR - KR20160068097 20160601
- AP - KR20160068097 20160601
- DT - I
- PA - PARK BYEONG HAN [KR]
- TI - Emergency **call** from smart-phone through bluetooth interconnection at any shopping **center** s and sports stadium and and etc...
- AB - The present invention relates to a motionless recognition alarm system having a wireless transmitting/receiving device, and a method thereof, and more specifically, to a motion recognition alarm system which when an emergency occurs in public spaces such as schools, gymnasiums, large shopping centers, banks, securities firms and public agencies where many people gather or work, automatically recognizes the emergency rapidly and accurately to generate an alarm, and has the people gathered in a **monitoring** area cope with the emergency through an image or a text, and a method thereof. To this end, the present invention comprises: a plurality of surveillance cameras which have a transmitting/receiving module for a wireless communication such as a speaker therein, a Bluetooth, a Wi-Fi and the like, are installed in a predetermined location of a public space to capture a situation in the inside, and output respective motion image signals and voice signals; **monitoring** modules which are installed in all PCs in the public space, **monitor** inputs from a mouse and a keyboard of the PCs and output a resulting data from the **monitoring**; and a motionless recognition device which receives image and voice signals from the plurality of surveillance cameras to analyze motions or voices in a work place, and if there is an abnormality in the motion and voice analyzing result, analyzes a secondary abnormality based on the resulting data input from the **monitoring** modules, and if the abnormality is finally verified, recognizes the abnormality as an emergency and generates alarms, images and texts.

23/2.578 © EPODOC / EPO

- PN - [US9871918](#) B1 20180116
- PR - US201715409188 20170118; US201615091121 20160405; US201562186145P 20150629
- AP - US201715409188 20170118
- DT - **
- CT - || STSE (B1)
[US8108237](#) B2 20120131 [] (BOURNE JOHN [US], et al);
[US8687792](#) B2 20140401 [] (YACOUB SHERIF [ES], et al);
[US9225833](#) B1 20151229 [] (KOSTER KARL H [US], et al);
[US9240013](#) B2 20160119 [] (KHOR CHIN H [US], et al);
[US9413891](#) B2 20160809 [] (DWYER MICHAEL C [US], et al);
[US9596349](#) B1 20170314 [] (HERNANDEZ SYLVIA [US]);
[US2002067821](#) A1 20020606 [] (BENSON PAUL [GB], et al);
[US2003002653](#) A1 20030102 [] (UCKUN SERDAR [US]);

[US2005238161](#) A1 20051027 [] (YACOUNB SHERIF [ES], et al);
[US2006109975](#) A1 20060525 [] (JUDKINS J A [US], et al);
[US2006289622](#) A1 20061228 [] (KHOR CHIN H [US], et al);
[US2007195944](#) A1 20070823 [] (KORENBLIT SHMUEL [US], et al);
[US2008260122](#) A1 20081023 [] (CONWAY KELLY [US], et al);
[US2010086108](#) A1 20100408 [] (JAISWAL PEEYUSH [US], et al);
[US2011191106](#) A1 20110804 [] (KHOR CHIN H [US], et al);
[US2012177196](#) A1 20120712 [] (GEVA OMER [IL], et al);
[US2013051547](#) A1 20130228 [] (CHAVEZ DAVID L [US]);
[US2014093056](#) A1 20140403 [] (KAWASHIMA NAOTO [JP], et al);
[US2014140496](#) A1 20140522 [] (RIPA JOHN [US], et al);
[US2014140497](#) A1 20140522 [] (RIPA JOHN [US], et al);
[US2014220526](#) A1 20140807 [] (SYLVES ERIC F [US]);
[US2014226807](#) A1 20140814 [] (PICKFORD DALE [US]);
[US2015195406](#) A1 20150709 [] (DWYER MICHAEL C [US], et al);
[US2015317641](#) A1 20151105 [] (KHOR CHIN H [US], et al);
[US2016098663](#) A1 20160407 [] (SKIBA DAVID [US], et al)

CCI - [G10L25/51](#) ; [G10L25/63](#) ; [G06F17/2705](#) ; [H04M3/5175](#) ; [G10L17/04](#)
 CQI - [G10L15/26](#) ; [H04M3/42](#) ; [G10L25/78](#) ; [G10L17/06](#) ; [G10L17/08](#)
 CCA - [H04M2201/40](#) ; [H04M2203/401](#)
 CUA - [H04M2201/41](#)
 CQA - [G10L25/87](#) ; [G10L15/265](#) ; [H04M2203/40](#)
 PA - STATE FARM MUTUAL AUTOMOBILE INSURANCE CO [US]
 TI - Voice and speech recognition for **call center** feedback and quality assurance
 AB - A computer-implemented method for providing an objective evaluation to a customer service representative regarding his performance during an interaction with a customer may include receiving a digitized data stream corresponding to a spoken conversation between a customer and a representative; converting the data stream to a text stream; generating a representative transcript that includes the words from the text stream that are spoken by the representative; comparing the representative transcript with a plurality of positive words and a plurality of negative words; and generating a score that varies according to the occurrence of each word spoken by the representative that matches one of the positive words, and/or the occurrence of each word spoken by the representative that matches one of the negative words. Tone of voice, as well as response time, during the interaction may also be **monitored** and analyzed to adjust the score, or generate a separate score.

24/2.578 © EPODOC / EPO

PN - [CN206863822U](#) U 20180109
 PR - CN20172489458U 20170505
 AP - CN20172489458U 20170505
 DT - I
 PA - JIANGXI POWER TRANS AND DISTRIBUTION CONSTRUCTION COMPANY; STATE GRID CORP CHINA
 TI - Outdoor attendance device of state's net " synchronism is with going out "

AB

- The utility model provides an outdoor attendance device of state's net " synchronism is with going out ", the **center** treater respectively with image gathering module, power management module, the fingerprint collection module, a display screen, the keyboard, the SDRAM memory, the flash memory, the LCD display screen, the air **monitoring** sensor, clock circuit connection, the **center** treater passes through the 3G module and is connected with the server end, the server end is connected with the PC, the server end still is connected with state's net capital construction management and control checking system, the singlechip still is connected with an alarm device, alarm device is flashing lamp or bee **calling** organ. The utility model discloses simple structure through 3G network transmission, can realize wireless long -distance transmit information, makes things convenient for the field usage, and safe and reliable guarantees that the attendance targets in place, can in time know on -the -spot truth, can carry out face identification or fingerprint realization synchronism and go out the writing function together, and the synchronous record that can classify improves **monitored** control system operating efficiency.

25/2.578 © EPODOC / EPO
PN - [US2018007198](#) A1 20180104

PR - IN2014DEL3897
20141223; WO2015IB59916
20151223; IN2013DEL2138
20130716

AP - US201515545439 20151223

DT - **

CCI - [H04M3/42042](#) ; [H04M3/42195](#) ;
[H04M15/8038](#) ; [H04M15/83](#) ;
[H04M15/8351](#) ; [H04M15/84](#) ;
[H04M15/844](#) ; [H04M15/852](#) ;
[H04M15/854](#) ; [H04M15/856](#) ;
[H04M15/90](#)

CUI - [H04M3/42059](#) ; [H04M3/42374](#) ;
[H04Q3/0029](#)

CCA - [H04M2203/1008](#) ;
[H04M2203/651](#)

CUA - [H04M2242/04](#) ;
[H04Q2213/13345](#) ;
[H04Q2213/13545](#) ;
[H04Q2213/345](#)

PA - COMVIVA TECH LTD [IN]

TI - OPTIMIZED SYSTEM AND METHOD FOR NOTIFYING A **CALLED** PARTY OF A **CALL** ATTEMPT

AB - A system and method for notifying a **called** party of a **call** attempt is provided. The method comprises initiating a

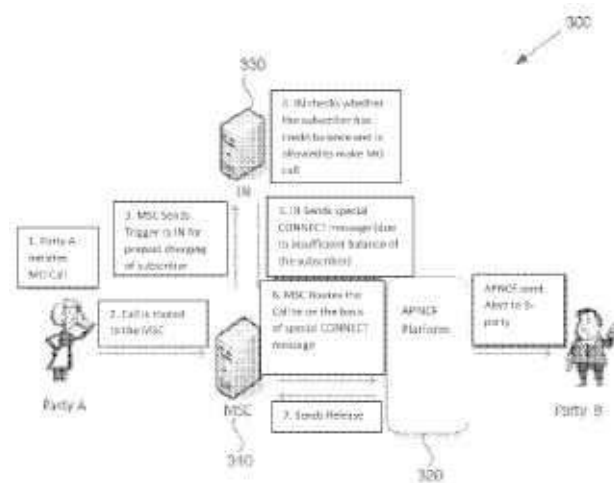


Figure 3

communication request by a **calling** party; routing the communication request to an intelligent network via an mobile service **center**; validating the communication request by the intelligent network; and handing over the communication request to an intelligent platform by the intelligent network in the event of a nonstandard trigger event such as **calling** party insufficient balance. The processing of communication request by the intelligent platform includes **monitoring** number of **call** attempts, introducing a delay in sending notification, **monitoring** availability of **called** party and performing one or more actions based on the delay and the availability of the **called** party.

26/2.578 © EPODOC / EPO

PN - [CN107529219](#) A 20171229

PR - CN20161443967 20160620

AP - CN20161443967 20160620

DT - I

CNOI - [H04W64/006](#) ; [H05B37/02](#)

PA - OCEANS KING LIGHTING SCIENCE & TECH CO LTD; OCEANS KING DONGGUAN LIGHTING SCIENCE & TECH CO LTD; SHENZHEN OCEANS KING LIGHTING ENG CO LTD

TI - Indoor locating method and system based on intelligent lamp, and intelligent lamp

AB - The invention is applicable to the field of indoor locating, and provides an indoor locating method and system based on an intelligent lamp, and the intelligent lamp. The method comprises the following steps: detecting whether a first mobile terminal exists in a specified area in real time; if the first mobile terminal is detected, obtaining a username of the first mobile terminal, and **calling** pre-stored position information; and packaging and sending the username and the pre-stored position information to a control **center** or a second mobile terminal bound with the first mobile terminal. According to the indoor locating method, whether the first mobile terminal exists in the specified area is detected in real time, when the first mobile terminal is detected, the username and the pre-stored position information are packaged and sent to the control **center** or the second mobile terminal bound with the first mobile terminal, when a user holding the first mobile terminal arrives at the specified area, the **monitoring** personnel of the control **center** or the user holding the second mobile terminal can obtain the current position of the user holding the first mobile terminal.

27/2.578 © EPODOC / EPO

PN - [CN107516288](#) A 20171226
PR - CN20171759956 20170828
AP - CN20171759956 20170828
DT - I
CNOI - [G06Q10/02](#) ; [G06Q10/047](#) ; [G06Q50/30](#)
PA - HUANG QIUPING
TI - Ultra-light rail public transportation system based on cloud computing technology
AB - The invention discloses an ultra-light rail public transportation system based on cloud computing technology. See figure 1, a system platform comprises a data **center** module, a control and maintenance **center** module, a rail and **monitoring** module, a carrier module and a user module, wherein the data **center** module is provided with a running module, an expense module and an efficiency cost data module, the control and maintenance **center** module is provided with a data processing module, an area parking module, a maintenance module and an emergency processing module, the rail and **monitoring** module is provided with a rail and pillar module, a rail control module, a **monitoring** and auxiliary positioning module and a solar ceiling module, the passenger-cargo dual-purpose carrier module is provided with a rail connection module, a compartment module, a steel rope and a control cable module, and the user module is provided with a login module, a **call** module, a path editing module, an expense module and an investment module. Based on the internet cloud computing technology, a novel ultra-light rail public transportation system mode is provided, the problem of traffic jam is solved, and traffic accidents are decreased.

28/2.578 © EPODOC / EPO

PN - [CN107516393](#) A 20171226
PR - CN20171793097 20170906
AP - CN20171793097 20170906
DT - I
CNOI - [G08B17/00](#) ; [G08B25/08](#) ; [H02J7/0026](#)
CNOA - [H02J2007/0039](#)
PA - JIANGYIN POWER SUPPLY COMPANY STATE GRID JIANGSU ELECTRIC POWER COMPANY;
STATE GRID CORP CHINA
TI - Unattended-battery-car security-charge comprehensive management control device
AB - The invention discloses an unattended-battery-car security-charge comprehensive management control device. The device comprises a security-charge comprehensive control unit with a processing function, the security-charge comprehensive control unit is connected with a high-definition camera video analysis system, a fire detection system, a power-control-terminal power **monitoring** unit and a power-supply-distributor output power **monitoring** unit and is used for acquiring various signal data; the security-charge comprehensive control unit is connected with a power-distributor cut-off power source, an acousto-optic alarm, a signal upload control **center** and a short-message **call** notification module. The unattended-battery-car security-charge comprehensive management control device has the advantages of security, reliability

and intelligence.

29/2.578 © EPODOC / EPO

PN - [CN107509190](#) A 20171222
PR - CN20161416536 20160614
AP - CN20161416536 20160614
DT - I
CUI - [H04W4/14](#)
CNOI - [H04W4/14](#) ; [H04W12/00](#) ; [H04W12/12](#)
PA - ZTE CORP
TI - Short message **monitoring** method and device, and **monitoring center**
AB - The embodiment of the invention provides a short message **monitoring** method, a short message **monitoring** device, and a **monitoring center**. The method comprises the steps of receiving a **monitoring** request, and executing short message **monitoring** according to the **monitoring** request, wherein short message content of a short message to be audited is carried in the **monitoring** request; determining similar short messages, having consistent content with the short message to be audited, in all short messages received within a specified period through matching according to the short message content of the short message to be audited; and determining that the short message to be audited and the similar short messages belong to illegal short messages, when the condition that the similar short messages are intensively sent in a specific **calling** area is determined. According to the scheme of the method, the device and the **monitoring center** provided by the embodiment of the invention, the problems that in the prior art, the illegal short messages cannot be accurately determined, and multi-card low-frequency sending behaviors cannot be effectively **monitored** can be solved, and thus the effects of effectively **monitoring** multi-card group-sending behaviors and improving user experience are achieved.

30/2.578 © EPODOC / EPO

PN - [WO2017215553](#) A1 20171221
PR - CN20161416536 20160614
AP - WO2017CN87903 20170612
DT - *; Rep
CT - [CN] ISR (A1)
[CN103888919](#) A 20140625 [Y] (ZTE CORP)
[Y] 1-10
* , claims 1-10, description, paragraphs 0025-0053, and figures 1-5 *;
[CN102104847](#) A 20110622 [Y] (ZTE CORP)
[Y] 1-10
* , claims 1-10, description, paragraphs 0006-0029 and figures 1-5 *;
[CN105592430](#) A 20160518 [A] (ZTE CORP)
[A] 1-10
* , the whole document *;
[WO2012151929](#) A1 20121115 [A] (ZTE CORP [CN], et al)
[A] 1-10
* , the whole document *

CUI - [H04W4/14](#)

PA - ZTE CORP [CN]

TI - SHORT MESSAGE **MONITORING** METHOD, DEVICE AND **MONITORING CENTER**

AB - Provided in the embodiment of the present invention are a short message **monitoring** method, a device and a **monitoring center**. Receiving a **monitoring** request, and performing short message **monitoring** according to the **monitoring** request, the **monitoring** request carrying a short message content of a to-be-examined short message; on the basis of the short message content of the to-be-examined short message, matching a same kind of short message having identical content as the content of the to-be-examined short message among all short messages received within a specified duration; and when it is determined that the same kind of short messages are sent centrally in a specific **calling** area, then it is considered that the to-be-examined short message and the same kind of short messages belong to illegal short messages. With the solution of the embodiment of the present invention, it is possible to effectively solve the problem in the prior art that the illegal short message cannot be accurately determined and that the behavior of multi-card low frequency transmission cannot be effectively **monitored**, so as to achieve effective **monitoring** of multi-card mass texting behavior, and improve the user experience.

31/2.578 © EPODOC / EPO

PN - [US2017366669](#) A1 20171221

PR - US201715694009
20170901; US201213672594
20121108

AP - US201715694009 20170901

DT - **

CT - || R141 (A1)
[US9756184](#) B2 20170905 [
(BARINOV VITALY Y [US])

CCI - [H04M3/5175](#)

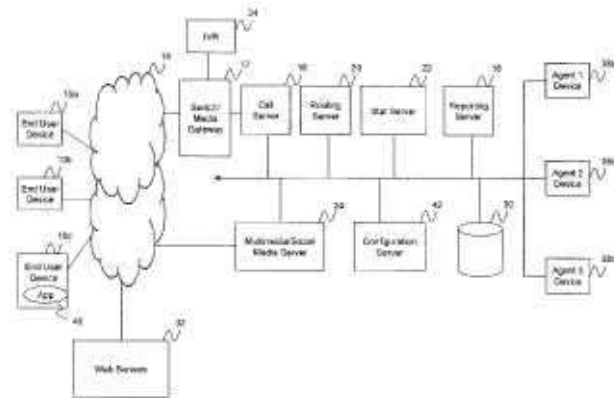
CCA - [H04M2203/402](#)

CUA - [H04M3/5183](#)

PA - GENESYSTEMELECTRONICS
LABORATORIES INC [US]

TI - SYSTEM AND METHOD OF
DISTRIBUTED MAINTENANCE OF
CONTACT **CENTER** STATE

AB - A system and/or a method of distributed maintenance of contact **center** state including the state of contact **center** objects which may include directory numbers and agents. Device controllers and **call** controllers are used to **monitor** device and **call** information. Data



aggregation nodes are connected to the device controllers and **call** controllers. The data aggregation nodes share directory number state information and agent state information via a publish-subscribe bus, and aggregate state information to form full state information.

32/2.578 © EPODOC / EPO

- PN - [CN206753655U](#) U 20171215
- PR - CN20172157972U 20170222
- AP - CN20172157972U 20170222
- DT - I
- PA - ANHUI YISICHUANG INFORMATION TECH CO LTD
- TI - Alarm device for mine
- AB - The utility model discloses an alarm device for mine, the device comprises a device body, the surface of device body is equipped with the protection casing, the top of device body is equipped with bee **calling** organ, bee **calling** organ's one end is equipped with the flashing lamp, one side of device body is equipped with the switch, the one end of switch is equipped with quantity indicating lamp, one side of protection casing is equipped with the buckle, the middle part of buckle is equipped with the elastic plate, the end of buckle is equipped with the handle, the internal surface of buckle is equipped with the rubber pad, the inside of device body is equipped with the gaseous **monitoring** module of gas, the humiture **monitoring** module, wireless communication module and battery module, the device passes through the buckle can be with ten fens convenient centre grippings of the device on coal miners's safety helmet or clothing, the gas and the humiture to in the pit in the moment are **monitored** in real time, and simultaneously, give aboveground surveillance **center** through wireless communication module with the data transfer who **monitors**, **monitor** in real time, real -time supervision and warning to gas and humiture have been realized through bee **calling** organ and flashing lamp.

33/2.578 © EPODOC / EPO

- PN - [CN107480930](#) A 20171215
- PR - CN20171717005 20170821
- AP - CN20171717005 20170821
- DT - I
- CNOI - [G06Q10/083](#) ; [G06Q10/087](#)
- PA - TIANFU DONGGUAN STANDARD TECH CO LTD
- TI - Information technology platform based on internet of things
- AB - The present invention discloses an information technology platform based on the internet of things. The platform comprises a data collection system, a data processing system and a processing logistics system. The data collection system comprises a

computer terminal, a mobile phone terminal, a geographic information service system, a comprehensive portal, a **calling management center**, a client service system and a mobile terminal worker, the output end of the computer terminal is connected with the input end of the comprehensive portal through the Internet, the output end of the mobile phone terminal is connected with the input end of the comprehensive portal through the Internet, and the output end of the geographic information service system is connected with the input end of the comprehensive portal. The arrangement of the data collection system, the data processing system and the processing logistics system allows the composition of an information technology platform to be more complete so as to satisfy the development of the current information technology, and the platform has corresponding location and **monitoring** systems so as to avoid the potential risks of the information technology platform in the application process.

34/2.578 © EPODOC / EPO

- PN - [CN206741564U](#) U 20171212
- PR - CN20172454702U 20170427
- AP - CN20172454702U 20170427
- DT - I
- PA - ORIEANGE LLC
- TI - System -wide section driving safety **monitored** control system based on on -vehicle big dipper charge card
- AB - The utility model discloses a system -wide section driving safety **monitored** control system based on on -vehicle big dipper charge card, it includes many zhang beidou charge card, the charging and settling of charge station server, the highway **monitoring** server that drives a vehicle, the **call Center** server of crying for help safely, the beidou satellite communication server, the card terminal is read by the charge station, basic station and big dipper satellite, big dipper charge card and charge station read card terminal connection, the charge station reads card terminal and charge station settlement server and is connected, big dipper charge card and beidou satellite communication server, the **call Center** server of crying for help is entirely connected, interconnect between many the big dipper charge card. The utility model discloses it includes position and functions such as orbit data and supplementary road safety early warning to possess highway charging and settling, gather the driving situation data in real time, the utility model provides the emergence of a chain of traffic accident of highway has effectively been avoided to high highway driving safety control efficiency, has greatly reduced highway's charging management cost.

35/2.578 © EPODOC / EPO

- PN - [CN107456233](#) A 20171212
- PR - CN20171654613 20170803
- AP - CN20171654613 20170803
- DT - I
- CNOI - [A61B5/6887](#) ; [A61B5/01](#) ; [A61B5/1075](#) ; [A61B5/1077](#)
- PA - LIU ZHILING
- TI - Intelligent surgical nursing supervision system

AB - The invention discloses an intelligent surgical nursing supervision system. The system comprises a base, universal wheels are mounted at four corners at the bottom of the base, and a top plate is connected to the side surface of the base through a connection rack; an adjusting mechanism is mounted on the top of the top plate, a supervision device is mounted on the adjusting mechanism, a placing rack is fixed to the inner side of the connection rack, and an open-source microcontroller is mounted on the side surface of the placing rack. According to the intelligent surgical nursing supervision system, the adjusting mechanism is matched with the supervision device to **monitor** the physiological characteristics of patients, and the supervision system is high in flexibility, comprehensive in **monitoring** and high in intelligent degree, and can meet the use requirements; a storage device is used for storing information **monitored** by the supervision device so that medical personnel can **call** and use the information conveniently, and convenience is provided for the diagnosis work of the medical personnel on the patients; an information transmitting device is used for transmitting the information **monitored** by the supervision device to a remote **monitoring center** so that the medical personnel can diagnose the patients timely and conveniently.

36/2.578 © EPODOC / EPO

PN - [CN107464435](#) A 20171212

PR - CN20171596697 20170718

AP - CN20171596697 20170718

DT - I

CNOI - [G08B25/016](#) ; [G08B25/10](#) ; [G08G1/017](#) ; [G08G1/0965](#) ; [G08G1/096783](#) ; [H04W4/046](#) ; [H04W28/16](#)

PA - CHENGDU ANCHENG TONG TECH CO LTD

TI - A vehicle-mounted urban traffic networking system

AB - The invention provides a vehicle-mounted urban traffic networking system comprising a vehicle-mounted system, a communication base station and an urban traffic management command **center**. The vehicle-mounted system comprises an input apparatus, an output module, a vehicle-mounted central processor and a wireless communication device and is used for sending vehicle information and receiving real-time road conditions. The communication base station functions as a communication agency of the vehicle-mounted system and the urban traffic management command **center**. The system solves the problem that currently motor vehicle drivers can evade **monitoring** cameras and hide vehicle information; the system can perform 24-hour driving **monitoring** on motor vehicles in a city; in case of emergency, emergency **calls** can be conducted between vehicles to facilitate treatment and rescue.

37/2.578 © EPODOC / EPO

PN - [CN206728329U](#) U 20171208

PR - CN20172266265U 20170317

AP - CN20172266265U 20170317

DT - I

PA - LETSGO ENG CO LTD

TI - LED lamp intelligent building lighting system

AB - The utility model discloses a LED lamp intelligent building lighting system, including lighting control system, LED banks, light intensity sensor, infrared sensor, the even setting of a plurality of LED lamps in the LED banks in the corridor, every the LED lamp is other to be equipped with one rather than corresponding infrared sensor, lighting control system includes controller, operating condition indicating module, WIFI data processing of information module, LED lamp drive and control circuit, every infrared sensor all is connected through mode conversion unit and controller electricity, light intensity sensor settings just passes through in the corridor the mode conversion unit is connected with the controller electricity. The utility model has the advantages of the energy can be saved, work efficiency height, unusual when operating condition appearing, backstage surveillance **center** is given with message routing to controller control WIFI data processing of information module, can realize the mode of real time **monitoring**, on -call maintenance.

38/2.578 © EPODOC / EPO

PN - [CN107454149](#) A 20171208

PR - CN20171569964 20170713

AP - CN20171569964 20170713

DT - I

CNOI - [H04L67/42](#) ; [G01D21/02](#) ; [G08C17/02](#) ; [H04W84/18](#) ; [H04L67/10](#)

PA - JIANGSU HUIHUAN ENVIRONMENTAL PROTECTION TECH CO LTD

TI - Docker+microservice technology based pollution source online **monitoring** system

AB - The invention discloses a Docker+microservice technology based pollution source online **monitoring** system. The Docker+microservice technology based pollution source online **monitoring** system is mainly composed of a pollution source site **monitoring** station, a transmission network and an environmental protection agency Docker cloud **monitoring** platform. The Docker+microservice technology based pollution source online **monitoring** system is standard in data transmission, realizes standard data transmission between the site **monitoring** station and the environmental protection agency Docker cloud **monitoring** platform; and an environmental protection agency **center** station increases the capacity of the site **monitoring** station dynamically and online. The Docker+microservice technology based pollution source online **monitoring** system has the historical data storing and uploading capacity of the site **monitoring** station and the historical data **calling**, parsing and insert-storage capacity of the environmental protection agency **center** station. Due to the two capacities, the data completeness problem of the environmental protection agency **center** station after on-site disconnection is solved; and the B/S system structure of the environmental protection agency **center** station reduces the complexity of installation and configuration of client software.

39/2.578 © EPODOC / EPO

PN - [TW201732778](#) A 20170916

PR - WO2016JP57979 20160314

AP - TW20160125137 20160808

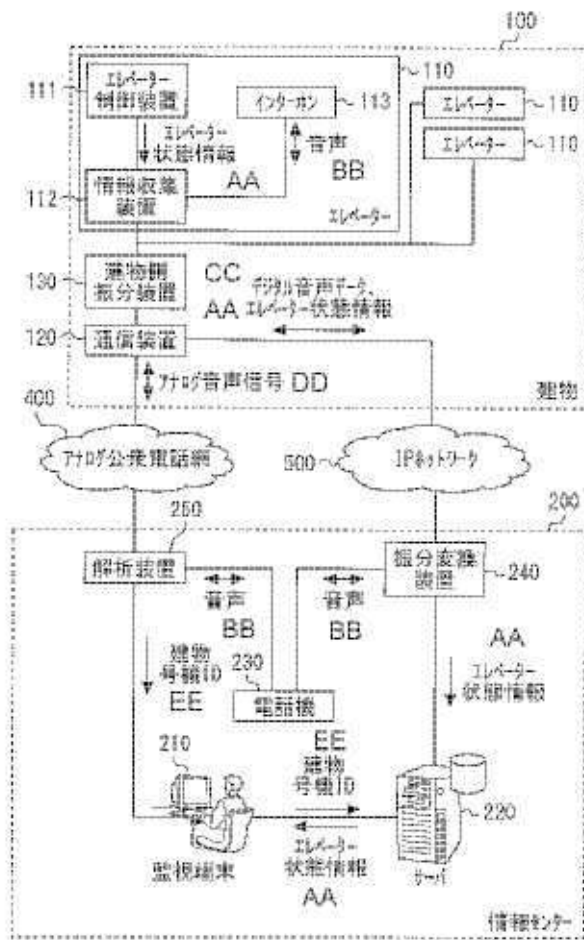
DT - I

CUI - [B66B3/00](#) ; [B66B5/00](#) ; [H04M9/00](#)

PA - MITSUBISHI ELECTRIC CORP [JP]

TI - Elevator system

AB - An elevator system is provided, in which when a telephone in an information **center** receives an emergency **call** using an analogue public telephone network from an interphone of an elevator, a **monitoring** person in the information **center** can confirm information of the elevator which transmits the emergency **call** while responding to the emergency **call** by the telephone. To this end, the elevator system includes means that adds identification information of the elevator provided with the interphone to a **call** audio signal inputted to the interphone of the elevator, as an identification audio signal, means that transmits the **call** audio signal to which the identification audio signal is added, by an analogue signal, means that reproduces the **call** audio signal included in the analogue signal, means that extracts the identification information from the identification audio signal included in the analogue signal, and a **monitoring** terminal that acquires the information of the elevator associated with the identification information extracted from the identification audio signal, from a server that stores the information of the elevator identified by the



- 100 Building
- 110 Elevator
- 111 Elevator control device
- 112 Information collection device
- 113 Intercom
- 120 Communication device
- 130 Building-side distribution device
- 200 Information center
- 210 Monitoring terminal
- 220 Server
- 230 Telephone
- 240 Distribution conversion device
- 250 Analysis device
- 400 Analog public telephone network
- 500 IP network
- AA Elevator status information
- BB Audio
- CC Digital audio data
- DD Analog audio signal
- EE Building serial number ID

identification information by associating the information of the elevator with the identification information, and displays the information of the elevator.

40/2.578 © EPODOC / EPO

- PN - [CN206698354U](#) U 20171201
- PR - CN20172483561U 20170424
- AP - CN20172483561U 20170424
- DT - I
- PA - QINGDAO YANCHUANG ELECTRONIC TECH CO LTD
- TI - Intelligence power supply **monitoring** system
- AB - The utility model provides an intelligence power supply **monitoring** system, it includes: surveillance **center** and customer end, power environment **monitoring** module, door control module, video surveillance module, on -the -spot orientation module, pronunciation intercommunication module, the power environment **monitoring** module includes main control singlechip, AD translation unit, signal sampling unit, wireless communication unit: the work of connected each module of main control singlechip coordinated control, signal sampling unit accomplishes power integrated **monitoring** function, on -the -spot orientation module carries out the scene location to numerical control control system. The utility model discloses be convenient for realize numerical control control system's centralized **monitoring** management, improve unmanned on duty's reliability, related pronunciation intercommunication module, including GPS positioning unit, pronunciation **calling** unit, combine on -the -spot orientation module, the location is to the nearest field force of anomalous position appearing with equipment operating condition, realizes that control room and field force are one to one towards persona certa's originating node function.

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- PR - CN20171646645 20170801
- AP - CN20171646645 20170801
- DT - I
- CNOI - [H04L67/1008](#)
- PA - INSPUR TIANYUAN COMMUNICATION INFORMATION SYSTEM CO LTD
- TI - Distributed resource service and visual **monitoring** system and method
- AB - The invention discloses a distributed resource service and visual **monitoring** system and method, and belongs to the field of communication network operation and maintenance. The technical problems to be solved are that the support pressure of a multi-service single-node is too big, the dependence relationship between services is complicated and cannot be shown intuitively, and the service **calling** frequency and the life state of each service node cannot be shown intuitively. The distributed resource service and visual **monitoring** system structurally comprises a registration **center**, a

service consumer, a service provider and a **monitoring center**; the registration **center** is used for registering services, subscribing services and providing service lists to the service consumer; the service provider is used for providing services and registering services at the registration **center**; the service consumer finishes service subscription based on the service lists provided by the registration **center**; and the **monitoring center** is used for **monitoring** the service provider and the service consumer and carrying out data statistic analysis. The invention also discloses a distributed resource service and visual **monitoring** method.

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 DT - I
 CNOI - [G05B19/048](#) ; [G06Q50/06](#) ; [H04L67/12](#)
 PA - SHENZHEN DENG LONG TECH CO LTD
 TI - Water supply region measurement and leakage control system and design method thereof
 AB - The invention provides a design method of a water supply region measurement and leakage control system. The water supply region measurement and leakage control system is composed of a water supply regional leakage loss analysis and **monitoring** module, a regional measurement **monitoring** module, a regional flow meter, a large user marketing and **monitoring** module, a large user flow meter, a common user marketing and **monitoring** module, a common water meter, a user leakage report and complained water pressure processing module, a **call center**, a water supply measurement and dispatching module and a water supply plant flow meter, wherein the water supply measurement and dispatching module and the water supply plant flow meter acquire water supply volume information of a water plant, the regional measurement **monitoring** module and the regional flow meter acquire flow information of a sub-region, the large user marketing and **monitoring** module and the large user flow meter acquire water utilization information of big users, the common user marketing and **monitoring** module and the common user water meter acquire water utilization information of common users, the complained water pressure processing module and the **call center** acquire record information of complaints dialed by users about pipeline water leakage or excessively low water pressure of users or the like, the water supply regional leakage loss analysis and **monitoring** module integrates the above information to perform online **monitoring** and regional leakage loss analysis, thereby controlling the leakage loss rate of a regional public water supply pipe network to be within the scope specified by national policies.

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 PR - CN201621251143U 20161122
 AP - CN201621251143U 20161122
 DT - I
 PA - CHEN XI

- TI - Can real time **monitoring** temperature and network equipment case of cooling
- AB - The utility model discloses a can real time **monitoring** temperature and network equipment case of cooling, the power distribution box comprises a box body, the nested bee **calling** organ that installs of upper surface left side apex angle department of box, the watch -dog is installed to the upper surface nestification of box, the fixed mounting of **center** department of the inner chamber left side wall of first cavity has first temperature measurement radiator, the inner chamber of second cavity from top to bottom in proper order slidable mounting have first drawer and second drawer, the fixed mounting of **center** department of the inner chamber right side wall of first drawer has second temperature measurement radiator, the fixed mounting of **center** department of the inner chamber right side wall of second drawer has third temperature measurement radiator, the utility model discloses an install watch -dog and temperature measurement radiator additional on the computer network equipment box, can realize the real time **monitoring** to computer network equipment body cavity temperature, can carry out the pertinence cooling to high temperature equipment and handle, make the life of incasement computer network equipment prolong.

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- PN - [CN107396518](#) A 20171124
- PR - CN20171701225 20170816
- AP - CN20171701225 20170816
- DT - I
- CNOI - [H05B37/02](#)
- PA - SIN LIGHT IND CO LTD
- TI - Wireless intelligent **monitoring** system of street lamp
- AB - The invention, which belongs to the technical field of intelligent lighting control, discloses a wireless intelligent **monitoring** system of a street lamp. The wireless intelligent **monitoring** system is composed of a **monitoring center**, a communication network, a TCP/IP, an intelligent terminal, a working power supply, a control power supply, and a street lamp. The intelligent terminal serving as a computer control **center** uses a microprocessor as a core and employs a micro-signal processing technology; and the intelligent terminal is connected with a plurality of control modules by a communication network. The control modules installed on a street lamp pole mainly includes a sensor module, an intelligent lighting module, a video **monitoring** module, an RFID module, an emergency **calling** module and a wireless network module. The wireless intelligent **monitoring** system has the following advantages: the lighting state is obtained and a circuit fault is discovered remotely at any time at any place, so that manual inspection work is avoided; multi-user permission-separation management of subordinate objects is realized by engineering operators; fixed-time switching and manual intervention are carried out based on a plan, so that the lighting time is reduced and platform operation and effective energy-saving management are realized.

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- PN - [CN107396064](#) A 20171124
- PR - CN20171746926 20170827
- AP - CN20171746926 20170827

DT - I

CNOI - [H04N7/18](#) ; [H04W28/065](#)

PA - QIU SHIYAN

TI - Municipal on-site **monitoring calling** system

AB - The invention relates to a municipal on-site **monitoring calling** system. The municipal on-site **monitoring calling** system includes a **monitoring** device and a **monitoring center** corresponding to the **monitoring** device, wherein the **monitoring** device acquires the image information in real time and transmits the image information to the **monitoring center**; and the user can communicate with the **monitoring center** through a smart terminal to obtain the corresponding license information and then sends the license information to the **monitoring** device to **call** the corresponding image information. Therefore, as the data bulk of remote end communication is relatively smaller, the bluetooth communication transmission rate is higher; the communication cost is saved, and the image information can be obtained at first time so that the on-site situation can be processed timely.

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AP - CN20171635327 20170730

DT - I

CNOI - [G06Q50/26](#)

PA - TIANJIN HAITAI MUNICIPAL GREENING CO LTD

TI - Urban environmental sanitation management platform and **monitoring** method thereof

AB - The present invention provides an urban environmental sanitation management platform and a **monitoring** method thereof. The management platform comprises a control **center**, a GPS information collection module, an environmental sanitation facility information acquisition module and a map working point display module. The environmental sanitation facility information acquisition module and the GPS information collection module transmit the respectively collected information to the control **center**, and the control **center** is in communication connection with an information storage unit, can store the collected information in the information storage unit, also can **call** the data information of the information storage unit at any time, and outputs the collected and processed data information to the map working point display module.

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PR - CN20161327544 20160516

AP - CN20161327544 20160516

DT - I

CNOI - [B66B5/0031](#)

PA - GUANGDONG RICHUANG ELEVATOR CO LTD

TI - Wireless automatic alarm rescue system for vertical elevator car

AB

- The invention discloses a wireless automatic alarm rescue system for a vertical elevator car. The wireless automatic alarm rescue system comprises a GSM elevator wireless talkback host, an interrupted power supply (UPS) special for wireless talkback, a power failure intermediate relay, an elevator microcomputer main control board, a breakdown intermediate relay, a car interphone and a **monitoring center**. When an elevator stops operating due to the external power failure, the UPS special for wireless talkback outputs a power failure signal to drive a coil of the power failure intermediate relay, the car interphone is activated through a set of normally open contacts of the coil so as to respond to the GSM elevator wireless talkback host to automatically dial a rescue **call**; and when the elevator breaks down and stops operating, the elevator microcomputer main control board outputs a breakdown signal to drive a coil of the breakdown intermediate relay, and the car interphone is activated through a set of normally open contacts of the coil so as to respond to the GSM elevator wireless talkback host to automatically dial the rescue **call**. The situation that a car door of the car is closed due to a breakdown or the power failure of the vertical elevator, and consequently, a passenger is in danger under the condition that the rescue responding time is delayed can be avoided.

Interruption by user...

[SS 3]