

15 Documents

Publication numbers	Title	Current assignees
EP3510566 A1	Methods and systems for access control and awareness management	LATCHABLE
EP2862988 A1	Containerized access control unit	MODULAR SECURITY SYSTEMS
US20200134154 A1	Biometric ticketing	ALCLEAR
US20030169337 A1	Access control system with symbol recognition	SILENT WITNESS ENTERPRISES
EP3510752 A1	Door access control via a mobile device	HONEYWELL INTERNATIONAL
EP3288444 A1	Invisible indication of duress via wearable	ASSA ABLOY
WO200235479 A1	Door access control and key management system and the method thereof	LOCHISLE
EP2408984 A1	Systems and methods for managing access control devices	HONEYWELL INTERNATIONAL
EP3557537 A1	Managing seamless access to locks with person/head detection	CARRIER
EP2238577 A1	Access control device	KABA GALLENSCHUETZ
US20160055694 A1	Access management and resource sharing system based on biometric identity	GATE LABS
US20170287247 A1	Access management and resource sharing platform based on biometric identity	GATE LABS
US20190031145 A1	Biometric identification system connected vehicle	ALCLEAR
WO201849220 A1	Using a light up feature of a mobile device to trigger door access	HONEYWELL INTERNATIONAL
EP3175434 A1	Method and system for access control	INVENTIO

Family 1/15 - FAMPAT - ©Questel

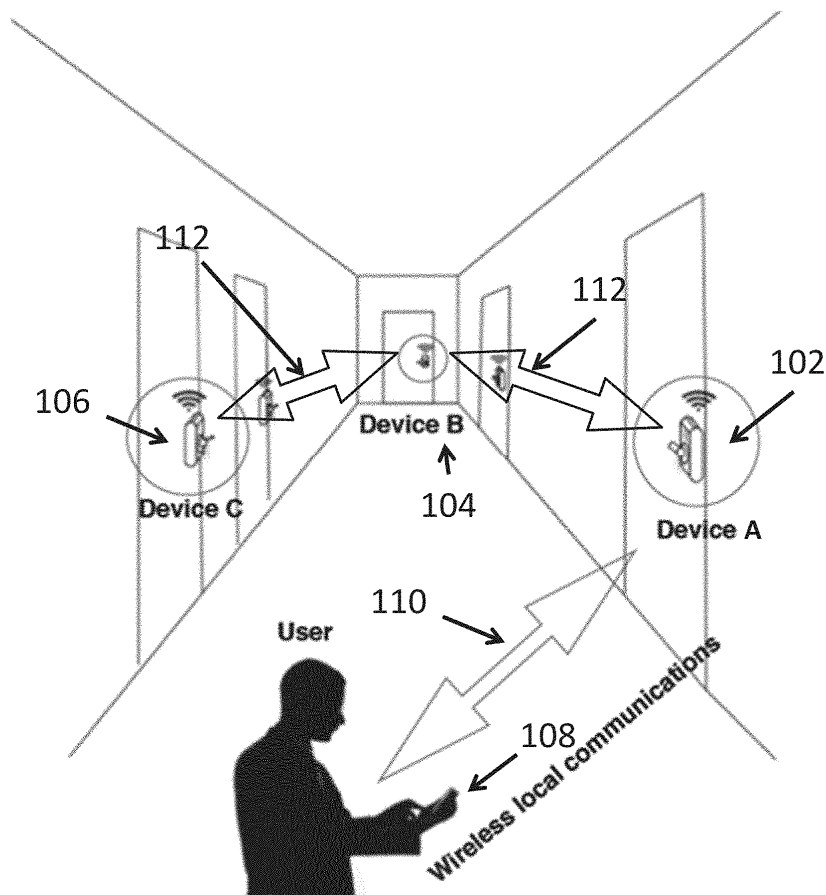
Title

(EP3510566)

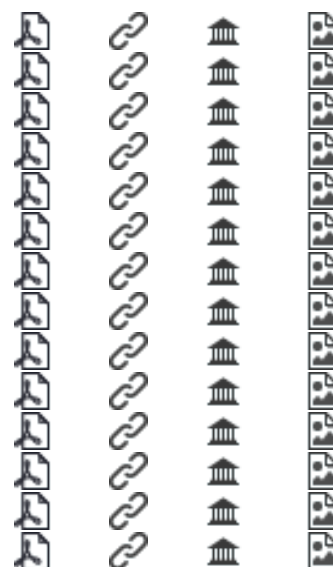
Methods and systems for access control and awareness management

Images

100

**Publication numbers with kind code & date**

EP3510566	A4	2020-04-29	EP3510566
US20200051353	A1	2020-02-13	US20200051353
JP2019536176	A	2019-12-12	JP2019536176
US10490000	B2	2019-11-26	US10490000
EP3510566	A1	2019-07-17	EP3510566
CN109923592	A	2019-06-21	CN109923592
US20190114853	A1	2019-04-18	US20190114853
AU2017324945	A1	2019-03-28	AU2017324945
US10163285	B2	2018-12-25	US10163285
US20180232976	A1	2018-08-16	US20180232976
WO2018/048956	A1	2018-03-15	WO201848956
US9666000	B1	2017-05-30	US9666000
US9437063	B2	2016-09-06	US9437063
US20150194000	A1	2015-07-09	US20150194000

**Abstract**

(EP3510566)

Systems and methods for access control management designed for multi-unit buildings are provided. The disclosed systems can use mobile devices, a local mesh network, access control devices, and wireless communication to facilitate

multi-unit real estate management. Mobile devices can download and use credentials to access appropriate areas and units in a building through local wireless communications with access control devices.

Inventors

SCHOENFELDER LUKE ANDREW

JONES MICHAEL BRIAN

HUSSAIN ALI AKBAR

GRISZBACHER JAMES

SOLE IVAN ALMARAL

HEARN TIMOTHY H

Latest standardized assignees - inventors removed

LATCHABLE

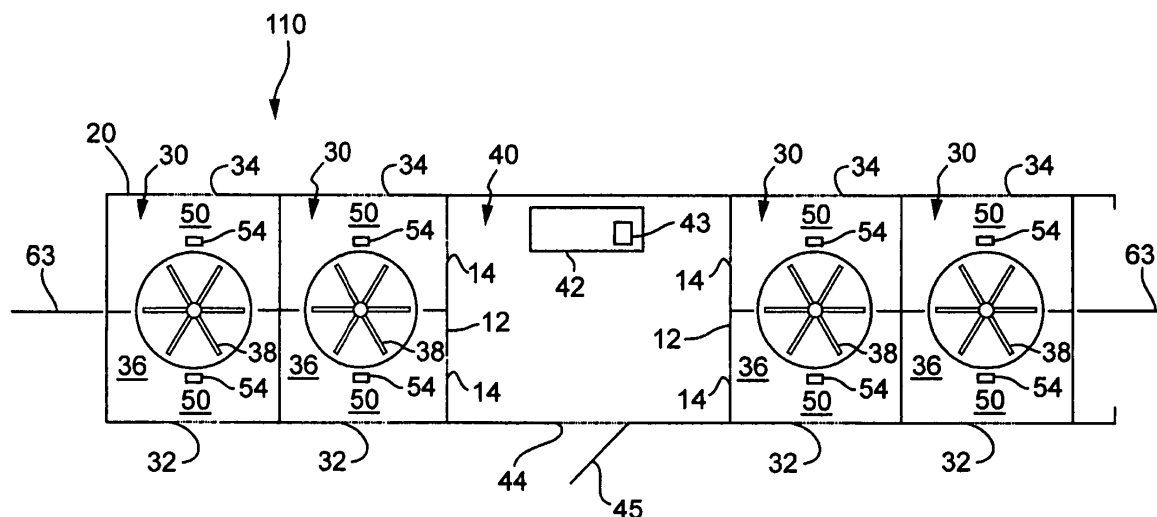
Family 2/15 - FAMPAT - ©Questel

Title

(EP2862988)

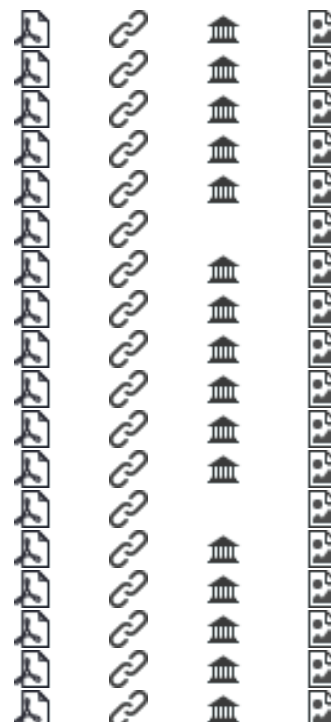
Containerized access control unit

Images



Publication numbers with kind code & date

US20160305141	A1	2016-10-20	US20160305141
US9404278	B2	2016-08-02	US9404278
US20150345160	A1	2015-12-03	US20150345160
US9051748	B2	2015-06-09	US9051748
EP2862988	A1	2015-04-22	EP2862988
PL1812666	T3	2015-03-31	PL1812666
ES2527419	T3	2015-01-23	ES2527419
PT1812666	E	2015-01-13	PT1812666
DK1812666	T3	2015-01-12	DK1812666T
EP1812666	B1	2014-10-08	EP1812666
US20140130419	A1	2014-05-15	US20140130419
US8671624	B2	2014-03-18	US8671624
EG25627	A	2012-04-08	EG--25627
US20110289856	A1	2011-12-01	US20110289856
US8015754	B2	2011-09-13	US8015754
CA2587968	C	2011-09-06	CA2587968
EP1812666	A4	2010-12-29	EP1812666
US20100315199	A1	2010-12-16	US20100315199



US20100315199	A1	2010-12-16	US20100315199				
US7762025	B2	2010-07-27	US7762025				
US20090107055	A1	2009-04-30	US20090107055				
EP1812666	A2	2007-08-01	EP1812666				
WO2006/055078	B1	2007-05-10	WO200655078				
WO2006/055078	A3	2007-03-29	WO200655078				
CA2587968	A1	2006-05-26	CA2587968				
WO2006/055078	A2	2006-05-26	WO200655078				
US20060107614	A1	2006-05-25	US20060107614				

Abstract

(EP2862988)

A portable container is provided which comprises a passing room(s) allowing entry into a second area into a first area, the passing room having at least two openings with a walkway in-between. Barrier device(s) can be located in the walkway but not connected to the first or second opening. A control room(s) can also be provided, the control room being connected to the passing room(s).

Inventors

RHETT SLAGEL ROBERT

Latest standardized assignees - inventors removed

MODULAR SECURITY SYSTEMS

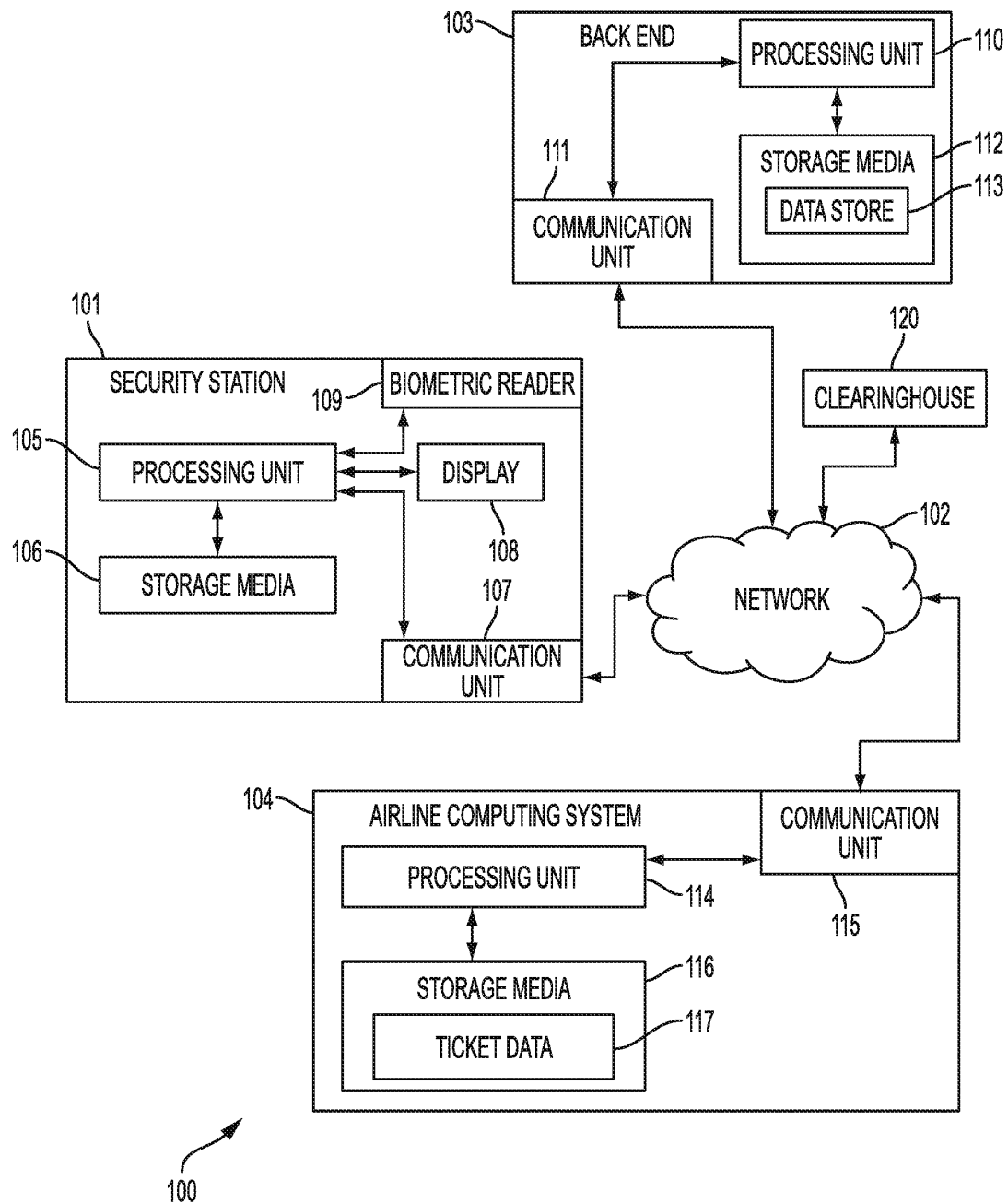
Family 3/15 - FAMPAT - ©Questel

Title

(US20200134154)

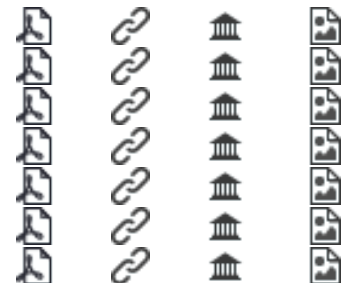
Biometric ticketing

Images



Publication numbers with kind code & date

US20200134154	A1	2020-04-30	US20200134154
US10552597	B2	2020-02-04	US10552597
US10528716	B2	2020-01-07	US10528716
US20190258794	A1	2019-08-22	US20190258794
US20190180016	A1	2019-06-13	US20190180016
US10275587	B2	2019-04-30	US10275587
US20190012451	A1	2019-01-10	US20190012451



Abstract

(US20200134154)

In biometric ticketing, physical token-less ticketing system using biometrics, a person may be identified using a digital representation of a biometric. Ticketing information may be ascertained based on the identification. The ticketing information may be provided, actions may be performed using the ticketing information, and so on. In some implementations, a checkpoint device receives biometric data from a person. A digital representation of the biometric data

is used to obtain an identifier from an identification system. The digital representation of the biometric data may not be included in the identifier. The identifier is used by to obtain ticketing information from a ticketing system. The person may be allowed or denied entry into a ticketed area based on the ticketing information.

Inventors

CORNICK KENNETH

LUPOWITZ KEVIN

SNYDER MATTHEW

TRELIN JOE

Latest standardized assignees - inventors removed

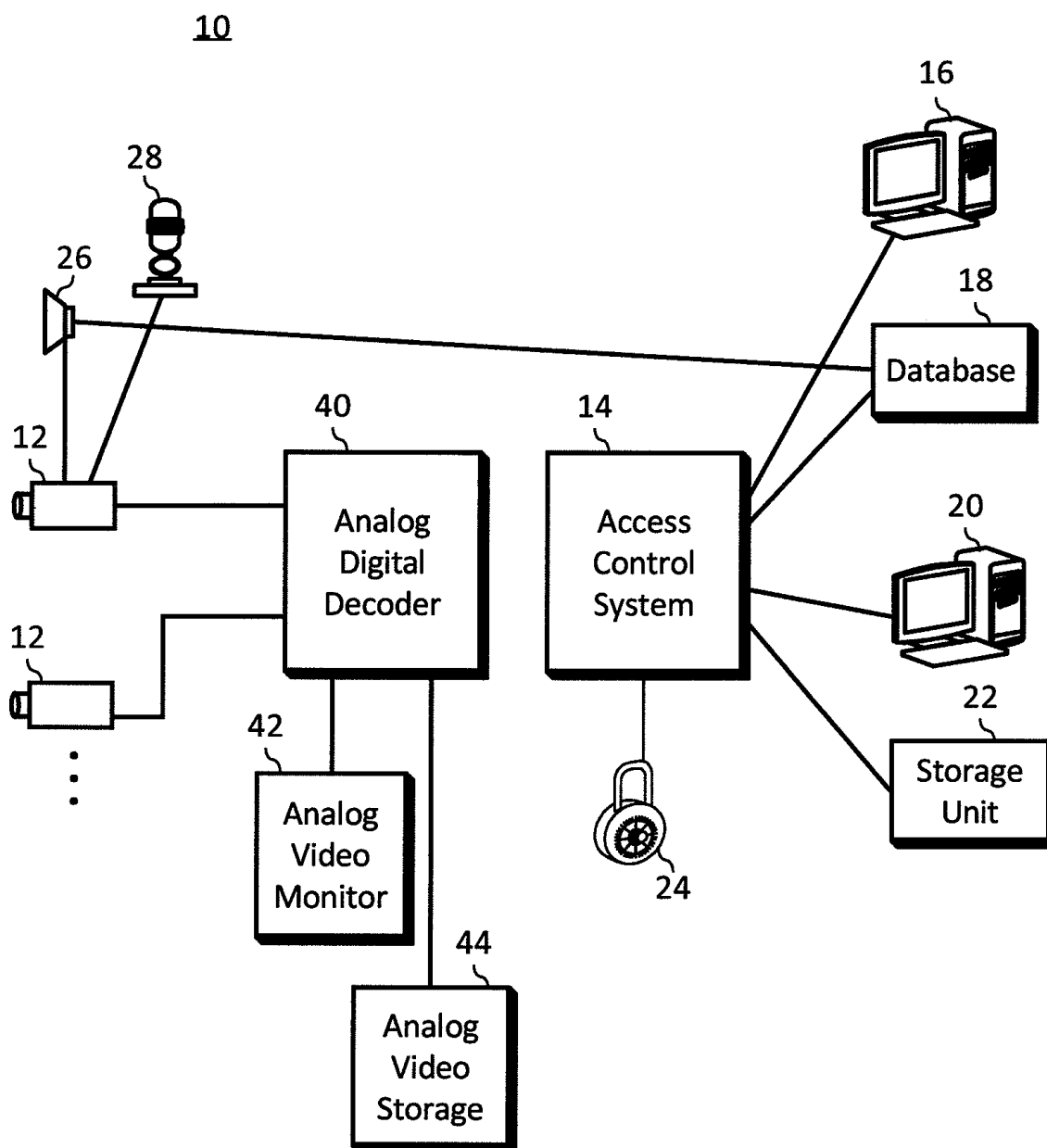
ALCLEAR

Family 4/15 - FAMPAT - ©Questel

Title

(US7907753)

Access control system with symbol recognition

Images

[GB2394341](#)

A

2004-04-21

GB2394341

[US20030169337](#)

A1

2003-09-11

US20030169337

[GB0305241](#)

D0

2003-04-09

GB200305241

**Abstract**

(US20030169337)

A video camera is located at a secure access point and is connected to a computer network. The camera is used as a conventional security camera and also provides automated assistance with access control. When an identity badge is presented to the camera by a person requesting access to the facility, a computer that is monitoring the camera recognizes a bar code or other symbols on the badge and accesses a database to locate information associated with that identity badge. This information is then used to determine if the person should be granted access.

Inventors

WILSON JEREMY CRAIG

BLACK DAVID

Latest standardized assignees - inventors removed

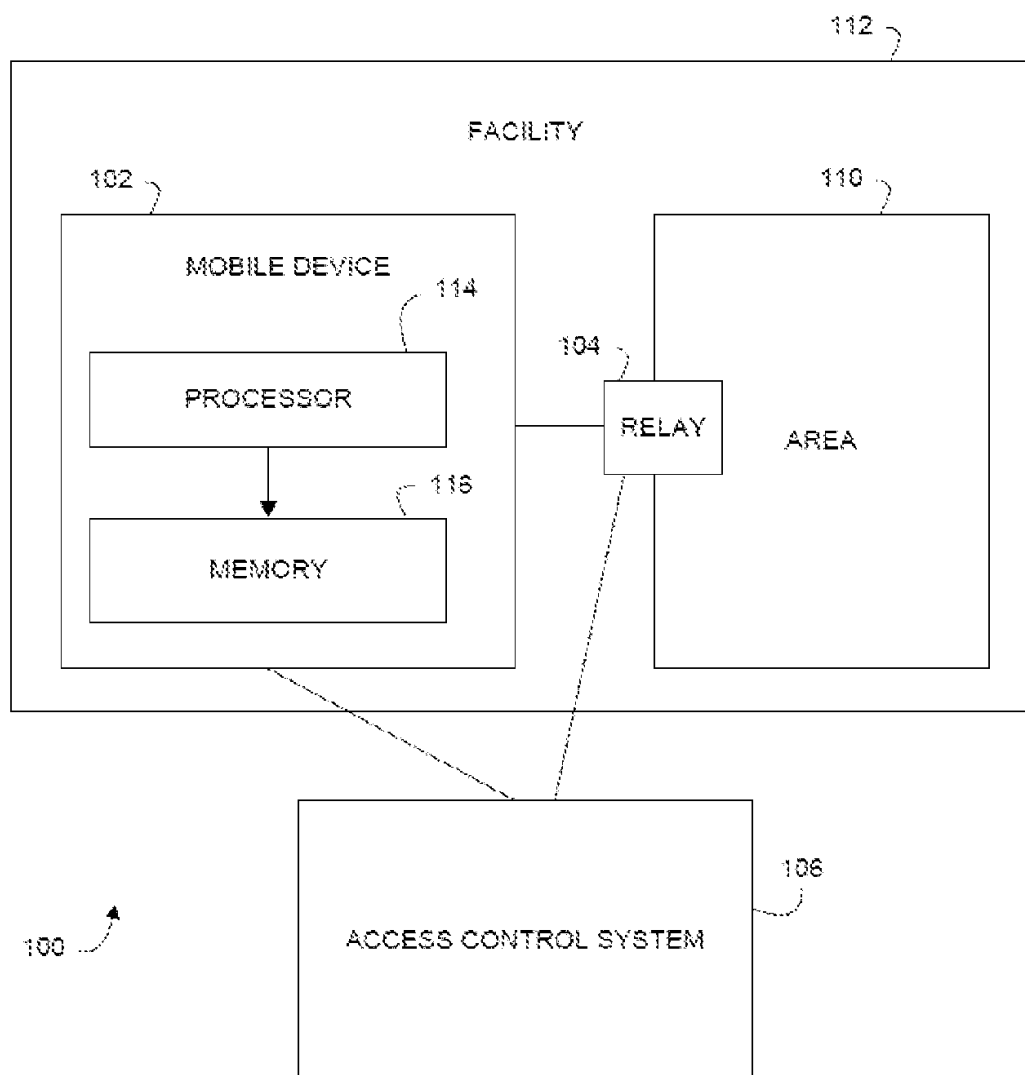
SILENT WITNESS ENTERPRISES

Family 5/15 - FAMPAT - ©Questel

Title

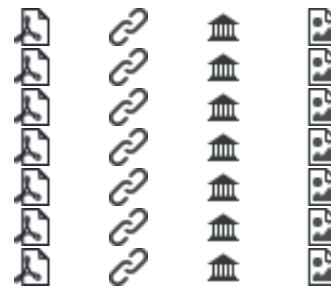
(EP3510752)

Door access control via a mobile device

Images

Publication numbers with kind code & date

EP3510752	A4	2020-05-27	EP3510752
EP3510752	A1	2019-07-17	EP3510752
US20190197801	A1	2019-06-27	US20190197801
IN201917008159	A	2019-05-24	IN201917008159
US10255732	B2	2019-04-09	US10255732
WO2018/049193	A1	2018-03-15	WO201849193
US20180068503	A1	2018-03-08	US20180068503

**Abstract**

(EP3510752)

Devices, systems, and methods for door access control via a mobile device are described herein. One mobile device for providing door access control, includes a processor and memory, coupled to the processor, wherein the memory includes instructions executable by the processor to provide a specific user identity, assigned to the mobile device, and a digital identifier, that is associated with an application stored in memory on the mobile device, to a door access controller, wherein the application includes a locking mechanism for the application that must be renewed at a first particular time period and wherein the mobile device includes a locking mechanism to lock the device after a second particular time period.

Inventors

PRASAD VINAY

ROY SANJAY

TARANATH MANU

TIGGA MANDAR

SENAPATI HARAPRASAD

JONES BRYAN

GOPALAN MURUGAN

VALDER ROSHAN LAWRENCE

Latest standardized assignees - inventors removed

HONEYWELL INTERNATIONAL

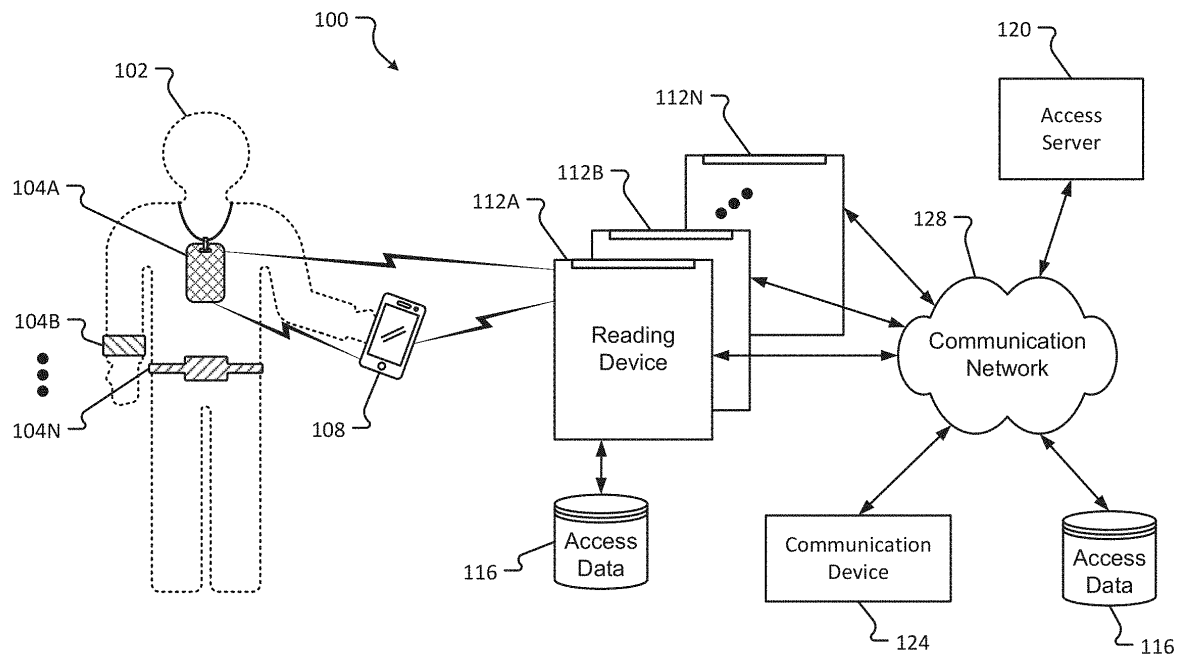
Family 6/15 - FAMPAT - ©Questel

Title

(EP3288444)

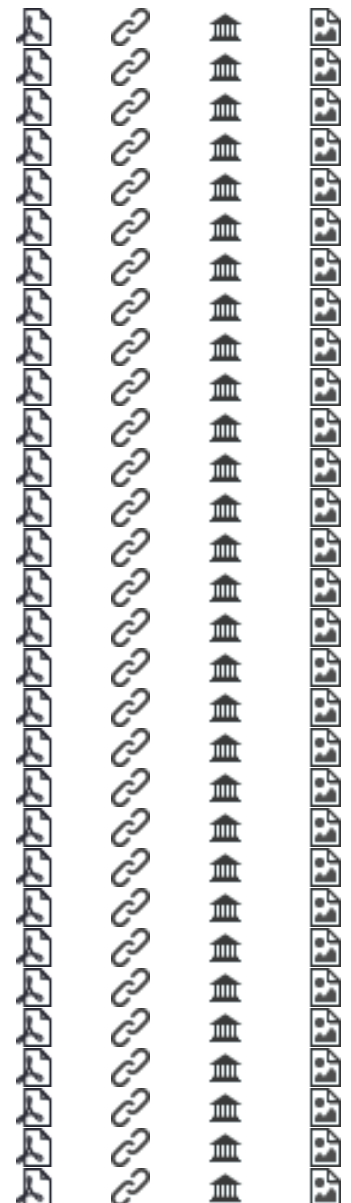
Invisible indication of duress via wearable

Images



Publication numbers with kind code & date

EP3289789	B1	2020-06-24	EP3289789
EP3289792	B1	2020-06-24	EP3289792
US10679440	B2	2020-06-09	US10679440
US10490005	B2	2019-11-26	US10490005
US10482698	B2	2019-11-19	US10482698
US10431026	B2	2019-10-01	US10431026
US20180357845	A1	2018-12-13	US20180357845
US20180302416	A1	2018-10-18	US20180302416
US20180152444	A1	2018-05-31	US20180152444
US20180122219	A1	2018-05-03	US20180122219
US20180115897	A1	2018-04-26	US20180115897
US20180103030	A1	2018-04-12	US20180103030
EP3288444	A1	2018-03-07	EP3288444
EP3289506	A1	2018-03-07	EP3289506
EP3289789	A1	2018-03-07	EP3289789
EP3289791	A1	2018-03-07	EP3289791
EP3289792	A1	2018-03-07	EP3289792
CN107690772	A	2018-02-13	CN107690772
CN107667375	A	2018-02-06	CN107667375
CN107667502	A	2018-02-06	CN107667502
WO2016/177666	A1	2016-11-10	WO2016177666
WO2016/177668	A1	2016-11-10	WO2016177668
WO2016/177669	A1	2016-11-10	WO2016177669
WO2016/177671	A1	2016-11-10	WO2016177671
WO2016/177672	A1	2016-11-10	WO2016177672
WO2016/177673	A1	2016-11-10	WO2016177673
WO2016/177674	A1	2016-11-10	WO2016177674
WO2016/178081	A1	2016-11-10	WO2016178081
WO2016/178082	A1	2016-11-10	WO2016178082
WO2016/178085	A1	2016-11-10	WO2016178085



Abstract

(EP3288444)

Methods, devices, and systems are provided for invisibly indicating duress via a wearable device. In response to

determining a duress condition associated with a user exists, a duress signal is provided to components of the access control system. The duress signal can identify a user associated with the duress, a duress type, and even include a location associated with the duress condition. An alert of the duress condition can be distributed to one or more devices in the access control system. These devices may be associated with users of the system and the alert may be configured to silently inform the users of the duress condition.

Inventors

CATERINO MARK ANTHONY

EINBERG FREDRIK CARL STEFAN

HOYER PHILIP

DAVIS MASHA LEAH

Latest standardized assignees - inventors removed

ASSA ABLOY

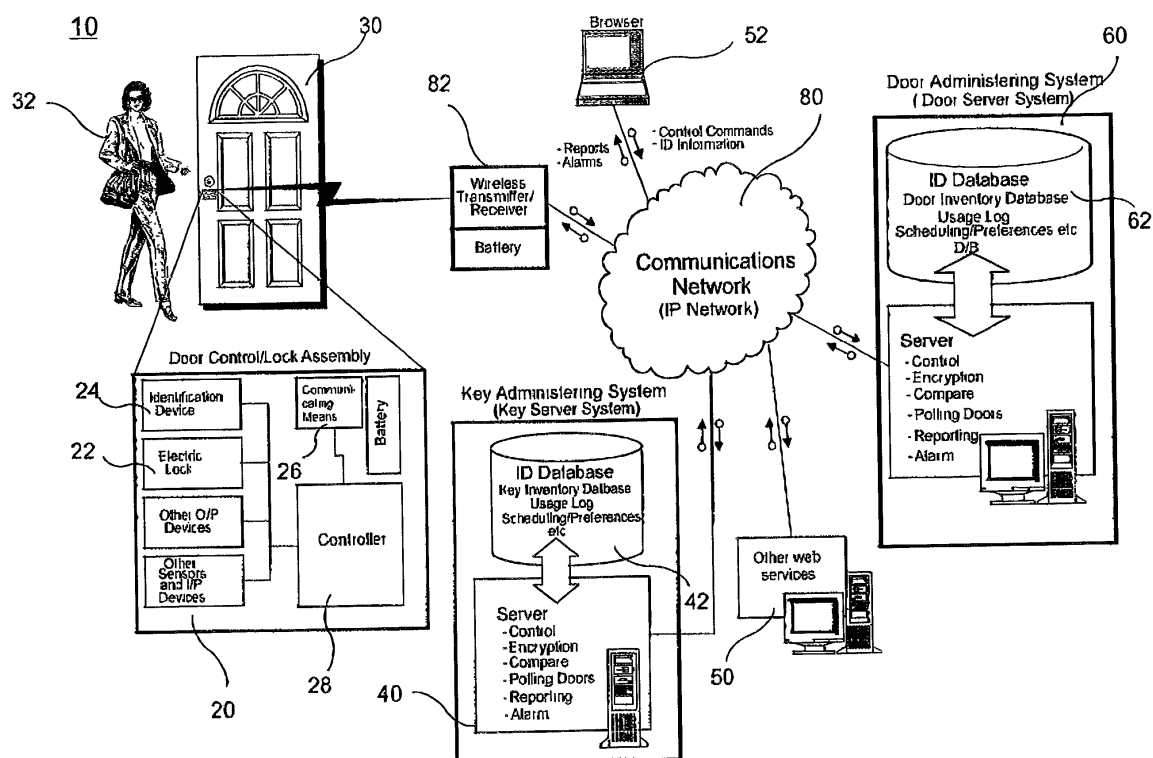
Family 7/15 - FAMPAT - ©Questel

Title

(WO200235479)

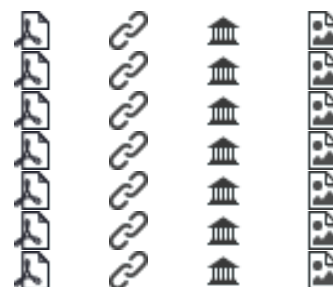
Door access control and key management system and the method thereof

Images



Publication numbers with kind code & date

US7170998	B2	2007-01-30	US7170998
CA2360120	C	2005-08-23	CA2360120
US20020099945	A1	2002-07-25	US20020099945
AU1370902	A	2002-05-06	AU200213709
WO02/35479	A1	2002-05-02	WO200235479
CA2324679	A1	2002-04-26	CA2324679
CA2360120	A1	2002-04-26	CA2360120



Abstract

(WO02/35479)

A door access control and key management system is disclosed, in which a number of doors and door users are involved.

The system comprises a door/key administering system and a door lock/control assembly mounted on each door, which are communicatively interconnected with each other via a communications network. the door/key administering system serves to store a key unique to each of the users, store an identification code unique to each of the doors, and assign access authorization to at least one user for each door. The door lock/control assembly serves to read the key presented by the user, verify that the key has access authorization, and operate the door in response to the authorization for access. each user can gain access to the doors authorized to the user with a unique key and each door can provide access to the user or users assigned thereto.

Inventors

MCLINTOCK GAVIN

CAUGHEY D MICHAEL

Latest standardized assignees - inventors removed

LOCHISLE

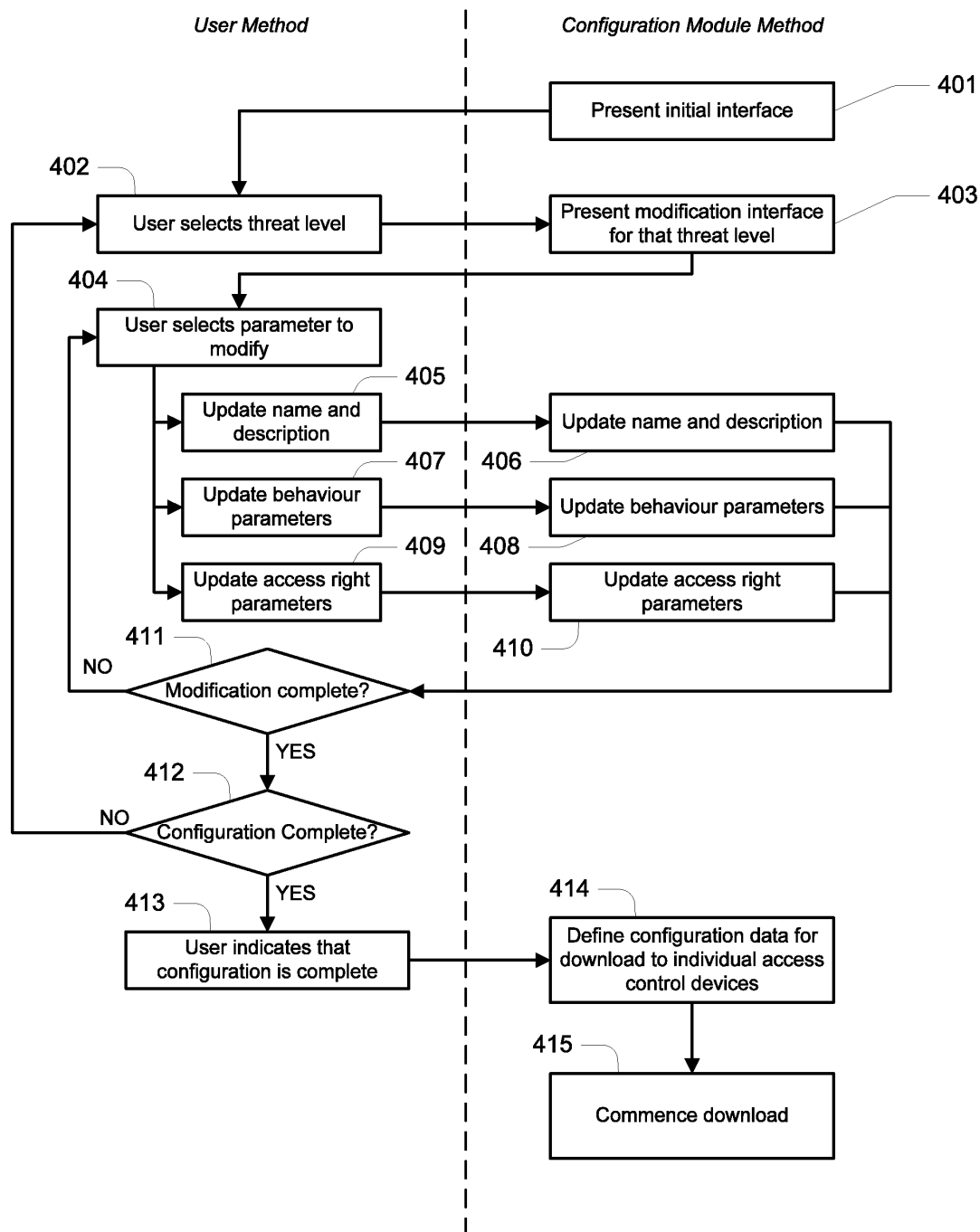
Family 8/15 - FAMPAT - ©Questel

Title

(EP2408984)

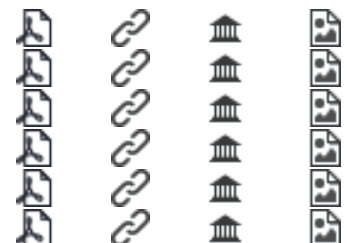
Systems and methods for managing access control devices

Images



Publication numbers with kind code & date

EP2408984	B1	2019-11-27	EP2408984
EP2408984	A4	2016-11-30	EP2408984
US9019070	B2	2015-04-28	US9019070
US20120133482	A1	2012-05-31	US20120133482
EP2408984	A1	2012-01-25	EP2408984
WO2010/106474	A1	2010-09-23	WO2010106474



Abstract

(EP2408984)

Described herein are systems and methods for managing access control devices. In overview, an access control device is configured to function on the basis of an applied set of configuration data. For example, the manner in which the device processes an access request is dependent on the configuration data. A device according to an embodiment of the present invention is configured to locally maintain plurality of uniquely applicable sets of configuration data. Each set, when applied,

causes the device to function in accordance with a respective mode of operation. The device is configured to change which set of configuration data is applied in response to a predetermined command, thereby allowing the device to shift between modes of operation relatively quickly and without the need to download additional configuration data. In some cases, the modes of operation correspond to threat levels, and the use of such access control devices allows a change in threat level to be applied across an access control environment quickly and with minimal bandwidth requirements.

Inventors

BHANDARI NEELENDRA

ROY SANJAY

REDDY CHANDRAKANTHA

Latest standardized assignees - inventors removed

HONEYWELL INTERNATIONAL

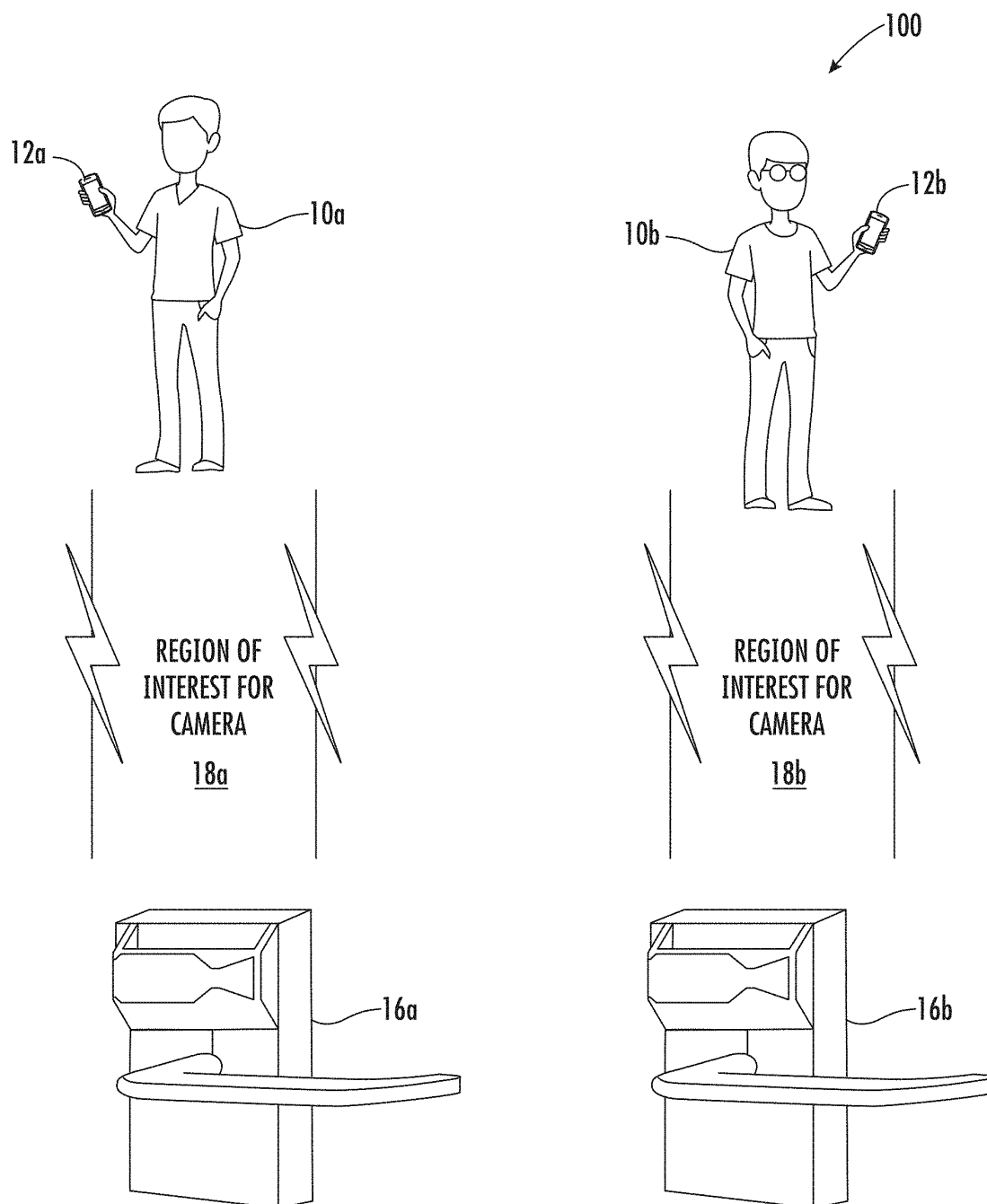
Family 9/15 - FAMPAT - ©Questel

Title

(EP3557537)

Managing seamless access to locks with person/head detection

Images

**Publication numbers with kind code & date**

CN110390744	A	2019-10-29	CN110390744
US20190325674	A1	2019-10-24	US20190325674
EP3557537	A1	2019-10-23	EP3557537

**Abstract**

(EP3557537)

A method of managing seamless access to locks with person/head detection is provided and includes receiving, at a mobile device (12), a signal from an access control device (16) that includes a camera sensor (38). The signal includes an identifier of the access control device (16) and a status of a region of interest (18) of the camera sensor (38). It is determined that the mobile device (12) includes a credential that is authorized to unlock the access control device (16). Based on the signal it is determined whether a person (10) is in the region of interest (18) of the camera sensor (38) and moving towards the access control device (16). A request is transmitted to the access control device (16) to unlock the access control device (16) based at least in part on determining that a person (10) is in the region of interest (18) of the camera sensor (38) and moving towards the access control device (16).

Inventors

KANTETI NEERAJA

Latest standardized assignees - inventors removed

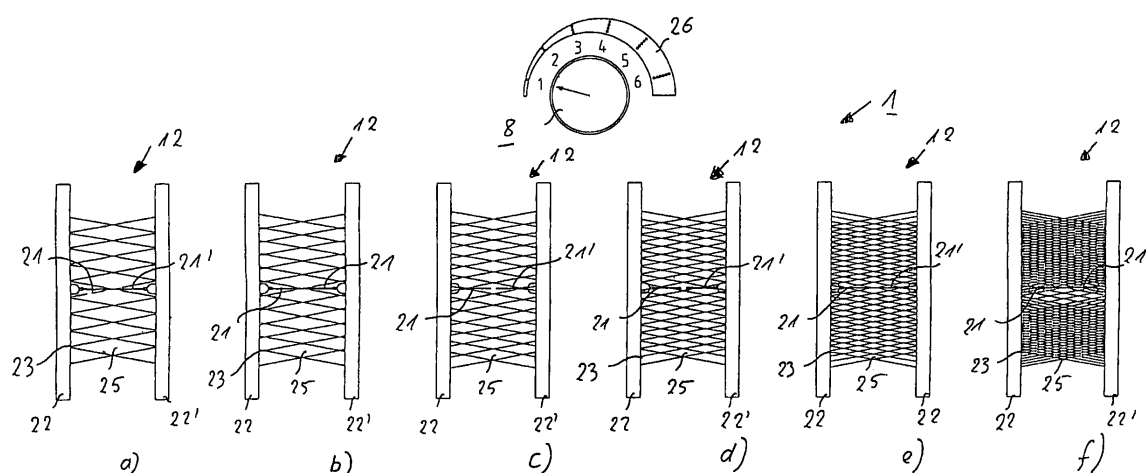
CARRIER

Family 10/15 - FAMPAT - ©Questel

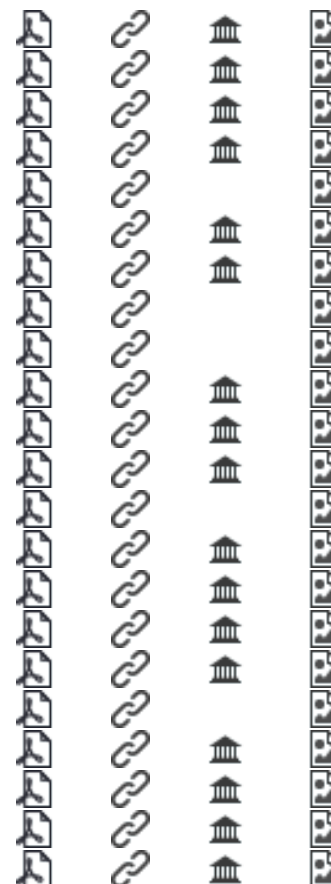
Title

(EP2238577)

Access control device

Images**Publication numbers with kind code & date**

IN321031	B	2019-09-23	IN-321031
BRPI0906440	B1	2019-04-30	BR200906440
BRPI0906440	A2	2015-07-14	BR200906440
CA2712061	C	2015-04-21	CA2712061
MY152439	A	2014-09-30	MY-152439
AU2009207918	B2	2014-04-17	AU2009207918
US8593250	B2	2013-11-26	US8593250
RU2497197	C2	2013-10-27	RU2497197
HK1150677	A1	2013-07-12	HK1150677
ES2406982	T3	2013-06-11	ES2406982
EP2238577	B1	2013-03-27	EP2238577
CN101911132	B	2013-01-30	CN101911132B
RU2010135332	A	2012-02-27	RU2010135332
US20100308959	A1	2010-12-09	US20100308959
CN101911132	A	2010-12-08	CN101911132
IN2511/KOLNP/2010	A	2010-11-05	IN2010KN02511
EP2238577	A1	2010-10-13	EP2238577
MX2010007922	A	2010-09-28	MX2010007922
AU2009207918	A1	2009-07-30	AU2009207918
CA2712061	A1	2009-07-30	CA2712061
WO2009/092375	A1	2009-07-30	WO200992375
DE102008016516	B3	2009-05-20	DE102008016516

**Abstract**

(EP2238577)

The invention relates to an access control device (1) having at least one access locking element associated with at least

one reader device and/or sensor device for detecting legitimating and/or security features, wherein the access locking elements and the reader and sensor device each have a data connection to a computer unit (5) comparing the captured or read features to stored data and opening or holding closed the access lock according to a presetting. In view of the problem that such access control devices (1) can react to modified requirements or a modified security situation only by a complex reparametrization of the system, according to the invention, an additional control element (8) associated with the computer unit (5) is proposed, allowing the selection among different security levels by simply adjusting the control element (8).

Inventors

SCHORN JOSEF

Latest standardized assignees - inventors removed

KABA GALLEN SCHUETZ

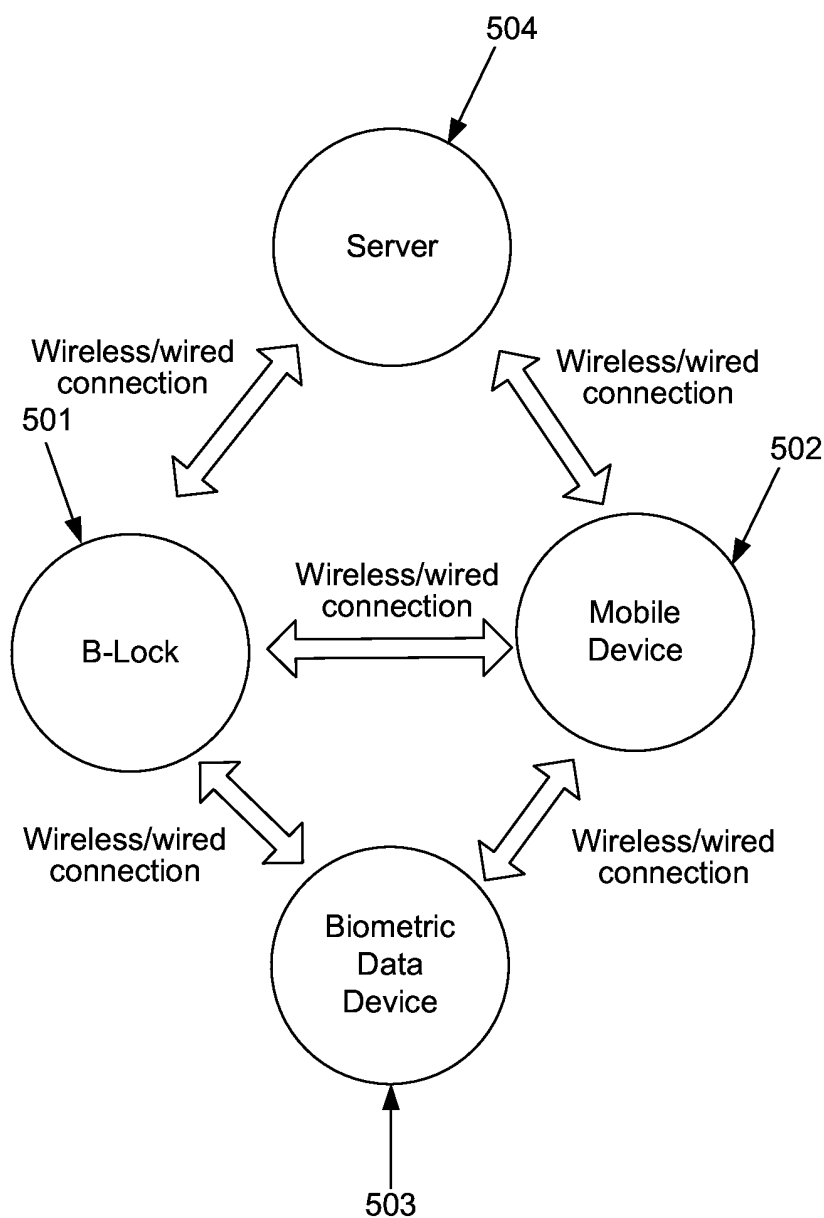
Family 11/15 - FAMPAT - ©Questel

Title

(US9501881)

Access management and resource sharing system based on biometric identity

Images

**Publication numbers with kind code & date**

US9501881	B2	2016-11-22	US9501881
US20160055694	A1	2016-02-25	US20160055694

**Abstract**

(US20160055694)

Disclosed are an apparatus and a method for managing access to a shared resource based on identity that is established by use of biometric data. A biometric locking device (i.e., a “b-lock”) can be used to restrict access to a shared resource, such as a house, a car, etc. In some embodiments, the b-lock can establish an identity of a user based on biometric data obtained by a biometric sensor of the b-lock, and can register the biometric data. After the biometric data is registered, the user can scan, e.g., his finger using the biometric sensor of the b-lock, and the b-lock can verify that the biometric data obtained based on the scan of the finger matches the registered biometric data. Once verified, the b-lock can unlock a locking mechanism of the b-lock to enable the user to access the shared resource.

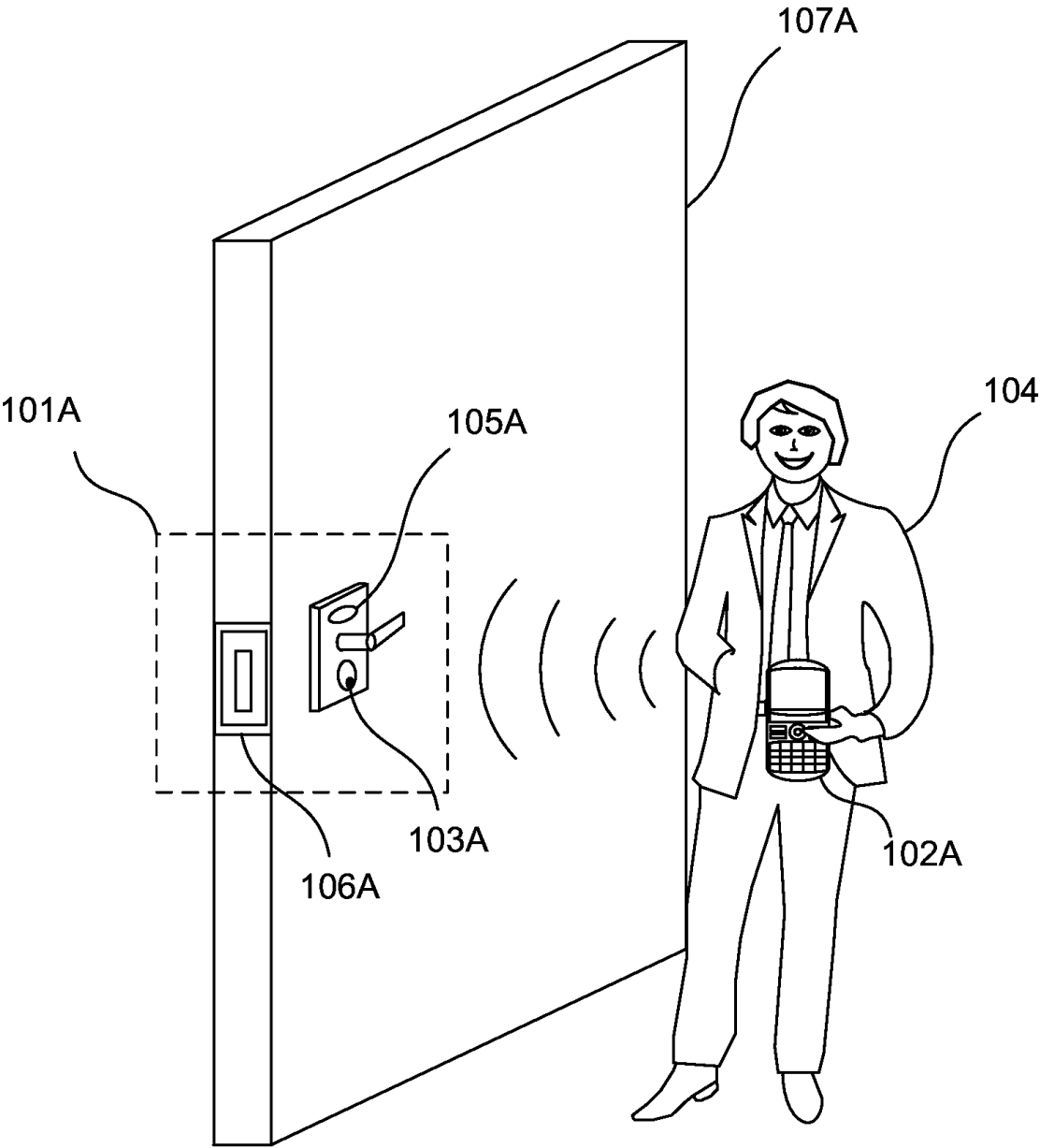
Inventors

SAEEDI EHSAN
EHYAIE DANIAL
HO HARVEY
Latest standardized assignees - inventors removed
GATE LABS

Family 12/15 - FAMPAT - ©Questel

Title
(US20170287247)
Access management and resource sharing platform based on biometric identity

Images



Publication numbers with kind code & date

US20190311561	A1	2019-10-10	US20190311561
US20180330559	A1	2018-11-15	US20180330559
US20170287247	A1	2017-10-05	US20170287247
US9685012	B2	2017-06-20	US9685012
US20160055695	A1	2016-02-25	US20160055695



Abstract

(US20170287247)

Disclosed are an apparatus and method that enables an owner/administrator to manage access to a shared resource based on identity that is established by use of biometric data. For example, access to a shared physical resource can be restricted via use of a biometric locking device. An access management platform can be used to authorize a new user to access the shared resource. Once authorized, the new user can unlock the biometric locking device based on, for example, fingerprint data of his finger. The access management platform can similarly be used to manage access to a virtual shared resource, such as an online account. A virtual locking device, such as a computer that acts as an intermediary between the user and the online account, can be used to restrict access to the online account. The access management platform can enable the user to access the online account based on biometric data.

Inventors

SAEEDI EHSAN

EHYAIE DANIAL

HO HARVEY

Latest standardized assignees - inventors removed

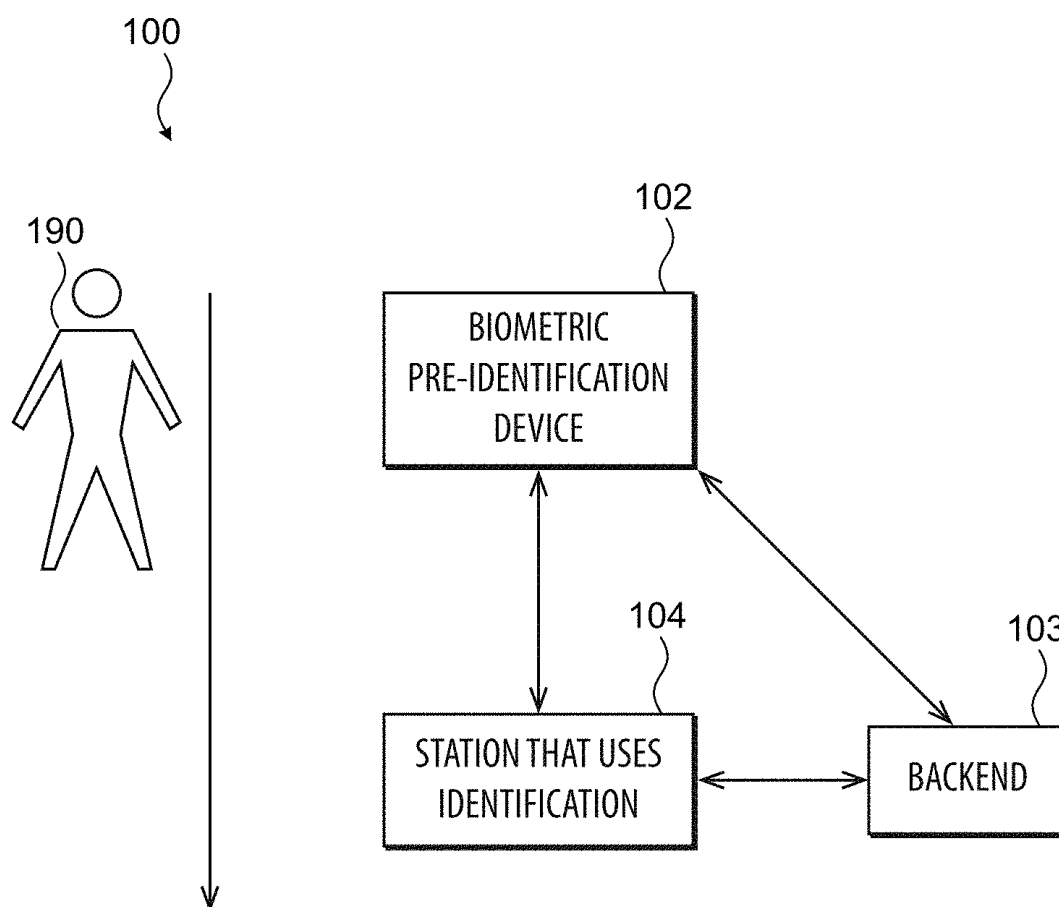
GATE LABS

Family 13/15 - FAMPAT - ©Questel

Title

(US20190031145)

Biometric identification system connected vehicle

Images

US10515365	B2	2019-12-24	US10515365				
US20190384902	A1	2019-12-19	US20190384902				
US20190325123	A1	2019-10-24	US20190325123				
US10387635	B2	2019-08-20	US10387635				
US20190236612	A1	2019-08-01	US20190236612				
US20190130089	A1	2019-05-02	US20190130089				
US20190031145	A1	2019-01-31	US20190031145				
US20190034608	A1	2019-01-31	US20190034608				
US20190034934	A1	2019-01-31	US20190034934				

Abstract

(US20190031145)

A biometric identification system connected vehicle, such as a car, truck, van, all-terrain vehicle, plane, helicopter, motorcycle, bus, and so on, is connected to a biometric identification system. A biometric is obtained from a person. For example, a biometric reader, such as a camera, may capture an image of the person's face or a portion thereof. The person is identified based on the obtained biometric and/or one or more digital representations or abstractions thereof. The vehicle is then configured for the person based on the identification. Configuration may include allowing the person to operate the vehicle, adjusting one or more vehicle components for the person, and so on.

Inventors

TRELIN JOE

Latest standardized assignees - inventors removed

ALCLEAR

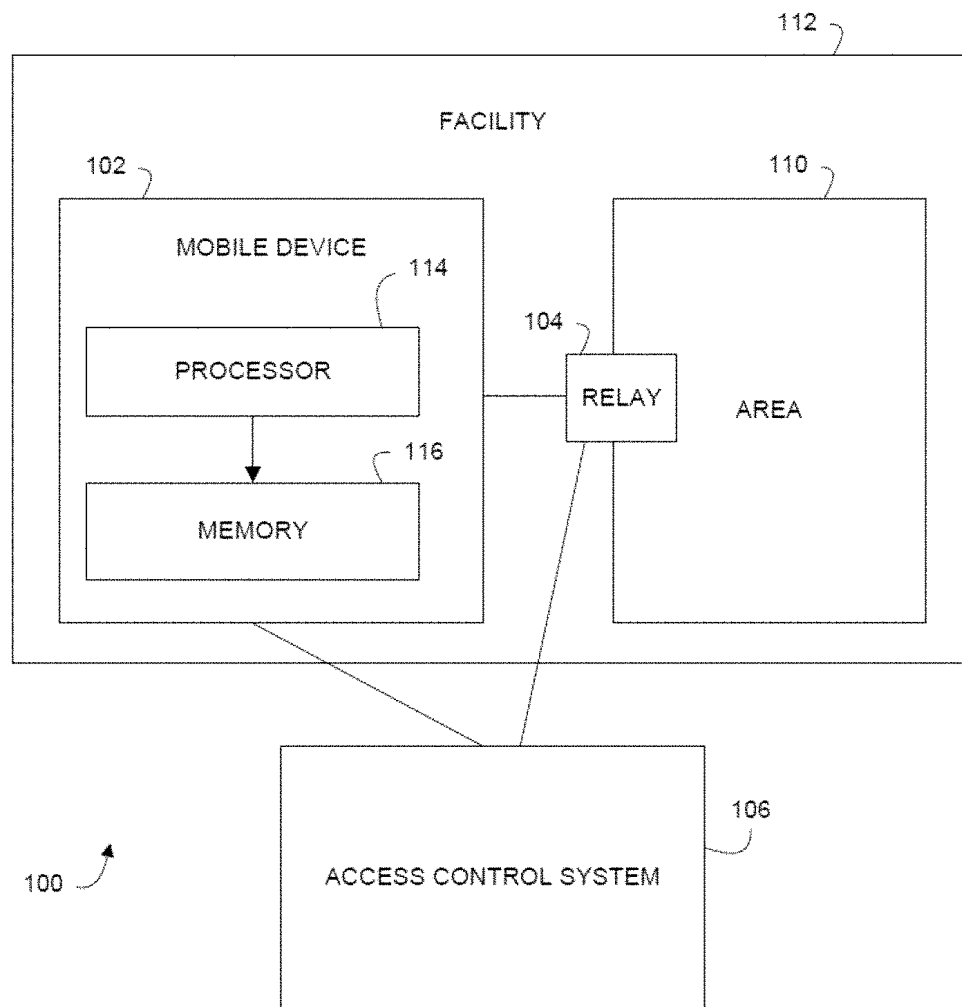
Family 14/15 - FAMPAT - ©Questel

Title

(WO201849220)

Using a light up feature of a mobile device to trigger door access

Images



Publication numbers with kind code & date

US10438426	B2	2019-10-08	US10438426
US20190051068	A1	2019-02-14	US20190051068
US10096182	B2	2018-10-09	US10096182
WO2018/049220	A1	2018-03-15	WO201849220
US20180068507	A1	2018-03-08	US20180068507



Abstract

(WO2018/049220)

Devices, systems, and methods for using a light up feature of a mobile device to trigger door access are described herein. One mobile device for using the light up feature to trigger door access, includes a display, a processor, and memory, coupled to the processor, wherein the memory includes instructions executable by the processor to lock the mobile device when in sleep mode, turn the display off when the mobile device has been placed in the sleep mode and to turn the display on when the mobile device has been placed in light up mode but the device is not unlocked, transition a door access application from a low power state to a regular power state when the mobile device is placed in light up mode, and trigger the opening of a door based on a door access protocol once the application is in regular power state.

Inventors

PRASAD VINAY

ROY SANJAY

TARANATH MANU

TIGGA MANDAR

SENAPATI HARAPRASAD

GOPALAN MURUGAN

VALDER ROSHAN LAWRENCE

BALAPALA RAGHAVENDRA PRASAD

Latest standardized assignees - inventors removed

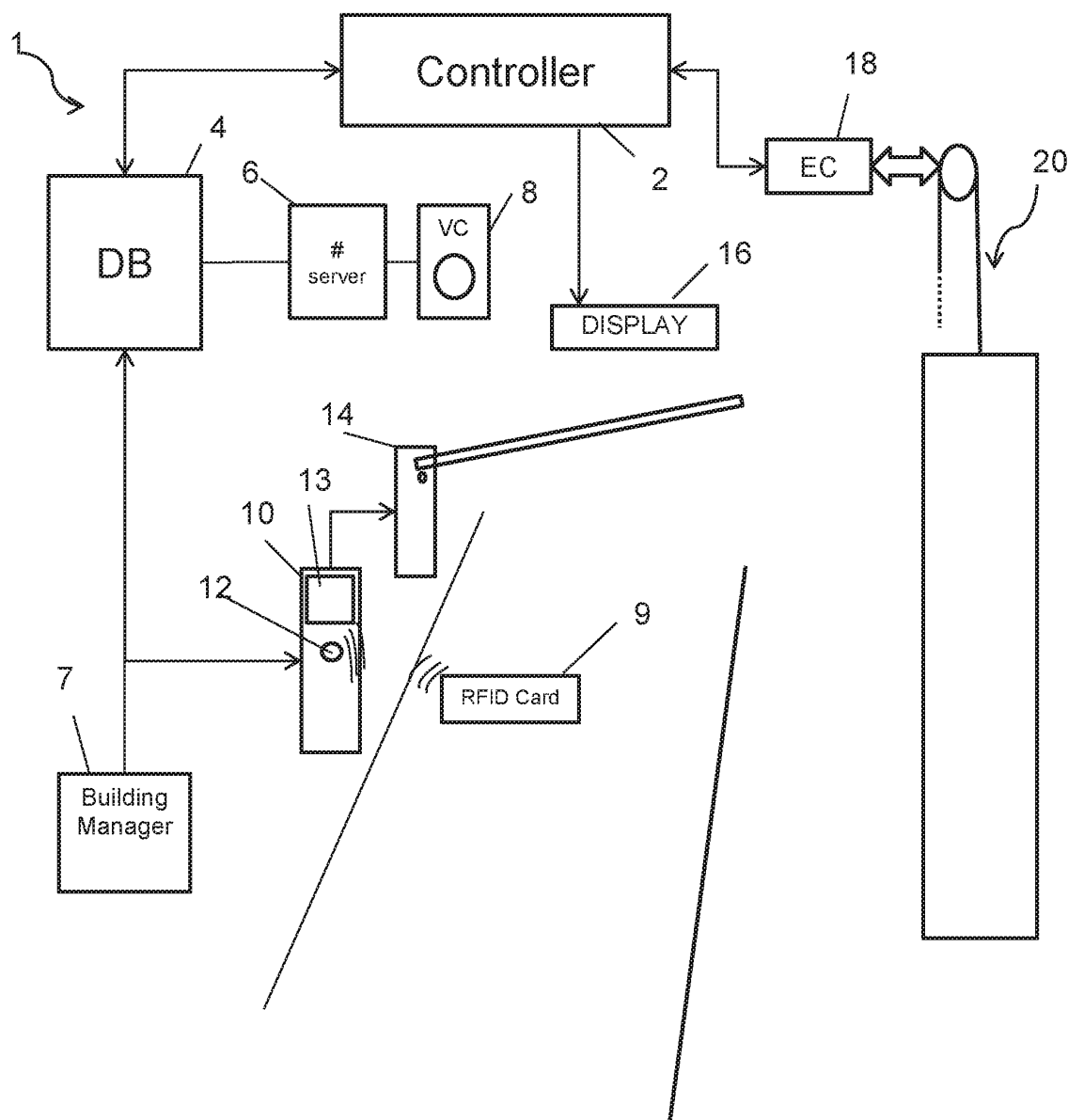
HONEYWELL INTERNATIONAL

Family 15/15 - FAMPAT - ©Questel

Title

(EP3175434)

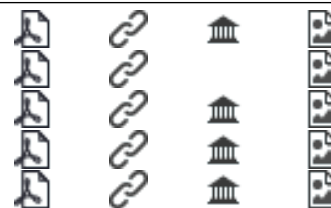
Method and system for access control

Images**Publication numbers with kind code & date**

CN106537478	B	2019-06-21	CN106537478B
AU2015295640	B2	2018-10-25	AU2015295640
US10037690	B2	2018-07-31	US10037690
US20170213456	A1	2017-07-27	US20170213456
EP3175434	A1	2017-06-07	EP3175434
IN201747002801	A	2017-05-26	IN201747002801



CN106537478	A	2017-03-22	CN106537478
SG11201610919V	A	2017-02-27	SG11201610919V
AU2015295640	A1	2017-02-02	AU2015295640
CA2952156	A1	2016-02-04	CA2952156
WO2016/016068	A1	2016-02-04	WO201616068

**Abstract**

(EP3175434)

The invention relates to an entrance control system (1) for a car park, in which entry is regulated by a barrier (14), comprising an image processing device (4, 6, 8) for determining a character string on a vehicle number plate and a reader (12) for reading a credential (9). The credential (9) is assigned to a user of the vehicle and has a feature identifying the user. A control unit (2) of the entrance control system (1) is coupled for communication purposes to the image processing device (4, 6, 8) and the reader (12) coupled. The control unit (2) determines whether the feature identifying the user is present in a user database (4), and associates the determined character string with the feature identifying the user when the feature identifying the user is present in the user database (4), in order thus to register the number plate of the vehicle as belonging to the user.

Inventors

FINSCHI LUKAS

Latest standardized assignees - inventors removed

INVENTIO