

1) Family number: 42072841 (US2009013191A)

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Title: MULTISYSTEM BIOMETRIC TOKEN

Abstract: An apparatus and a method for generating a unique user identification code for a user of a biometric security system is presented. No biometric information is stored either within the security system or on a device, and process enables a unique user identification code to be generated to allow multi-system identification of the same user. The method includes retrieving a public key from the system, obtaining a characteristic from the user and generating a biometric value from the characteristic, and creating the identification code by combining and encrypting the generated biometric value and the system supplied public key, and transmitting the identification code to the system for authentication.

Classifications:

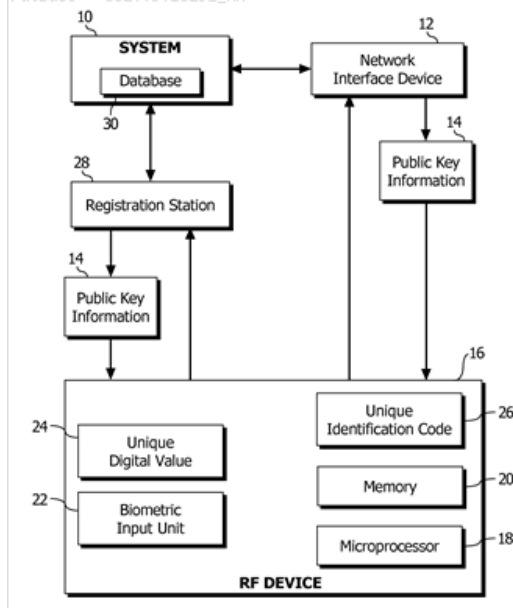
International (IPC 8-9): A61B5/117 A61B5/1171 G06F21/00 G06F21/32 G06K9/00 G07C11/00 G07C9/00 H04L29/00 H04L29/06 H04L9/00 H04L9/30 H04L9/32 (Advanced/Invention); G06F21/24 G06F21/32 G07C9/00 (Advanced/Non-invention); A61B5/117 G06F21/00 G06K9/00 G07C11/00 G07C9/00 H04L29/06 H04L9/00 H04L9/28 H04L9/32 (Core/Invention); G06F21/00 G07C9/00 (Core/Non-invention)

CPC: G06F21/32 G07C9/37 H04L9/32 H04L9/3263 H04L9/3297 H04L9/3231 H04L2209/80

European: G06F21/00N5A2B G07C9/00C2D H04L9/32 H04L9/32T

US: 1/1 713/186

PatBase - US2009013191_AA

**Family:**

Publication number	Publication date	Application number	Application date
AU2008202746 AA	20090122	AU20080202746	20080620
CA2636453 AA	20090105	CA20082636453	20080627
CA2636453 C	20180724	CA20082636453	20080627
CN101340283 A	20090107	CN200810131497	20080704
GB200810531 A0	20080709	GB20080010531	20080609
GB2452116 A1	20090225	GB20080010531	20080609
GB2452116 B2	20130116	GB20080010531	20080609
US2009013191 AA	20090108	US20070773741	20070705
US9237018 BB	20160112	US20070773741	20070705

Priority:

US20070773741 20070605 US20070773741 20070705

Probable Assignee: HONEYWELL INT INC

Assignee(s): (std): HONEYWELL INT INC ; POPOWSKI PAUL M

Assignee(s): HONEYWELL INT ; HONEYWELL INTERNATIONAL INC

Inventor(s): (std): POPOWSKI PAUL M

Inventor(s): PAUL M POPOWSKI

Agent(s): SHELSTON IP; SHELSTON IP PTY LTD; GOWLING LAFLEUR HENDERSON LLP; GOWLING WLG CANADA LLP; HONEYWELL INT INC; HUSCH BLACKWELL LLP

2) Family number: 43194231 (US2010277278A)

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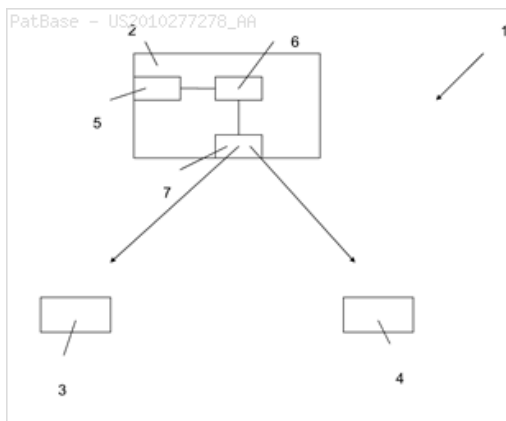
Title: CONTACTLESS BIOMETRIC AUTHENTICATION SYSTEM AND AUTHENTICATION METHOD

Abstract: A system of authentication is provided including several personal authentication devices, one terminal including biometric means so arranged as to generate biometric information on the user, wireless communication means so arranged as to transmit biometric information without contact between each personal authentication device and the terminal, each personal authentication device including a memory so arranged as to store biometric data, processing means so arranged as to compare the biometric information and the biometric data, the wireless communication means being so arranged as to transmit biometric information to a plurality of personal authentication devices, each being arranged as to transmit, without contact, to the terminal, positive authentication data in the case of the authentication of the user and wherein the terminal being arranged as to open a transactional session only with the personal devices having transmitted the positive authentication data.

Classifications:

International (IPC 8-9): G05B19/00 G06F15/00 G06F21/00 G06F21/20 G06F21/32 G06F7/00 G06K17/00 G06K19/00 G06K19/07

G06K9/00 G06Q20/34 G06Q20/40 G06T7/00 G07C9/00 G07F7/10
H04L29/06 H04L9/32 H04W12/06 H04W4/00 H04W8/20
H04W84/10 (Advanced/Invention);
G06F21/20 G06K17/00 G07C9/00 (Advanced/Non-invention);
G06K9/00 G07C9/00 (Core/Invention)
International (IPC 1-7): G07C9/00
CPC: H04L63/0861 H04W4/80 G07C9/00 G07C9/257 G06F21/32
G06Q20/341 G06Q20/4014 G06Q20/40145 G07F7/1008
European: G06F21/32 G06Q20/341 G06Q20/4014 G06Q20/40145
G07C9/00B6D4 G07F7/10D
US: 1/1 340/5.82 340/5.820P



Family:

Publication number	Publication date	Application number	Application date
AU2008346319 AA	20090716	AU20080346319	20081017
AU2008346319 AB	20100701	AU20080346319	20081017
AU2008346319 BB	20140410	AU20080346319	20081017
BRPI0818029 A2	20150324	BR2008PI18029	20081017
BRPI0818029 A8	20170912	BR2008PI18029	20081017
CA2702013 AA	20100407	CA20082702013	20081017
CA2702013 C	20160607	CA20082702013	20081017
CN101918985 A	20101215	CN200880112113	20081017
CN105119902 A	20151202	CN201510431114	20081017
EA020762 B1	20150130	EA20100070491	20081017
EA201070491 A1	20101029	EA20100070491	20081017
EP2201536 A1	20100630	EP20080870484	20081017
FR2922672 A1	20090424	FR20070007331	20071019
FR2922672 B1	20110121	FR20070007331	20071019
IN02614DN2010 A	20101001	IN2010DN02614	20100416
IN307588 B	20190222	IN2010DN02614	20100416
JP2011501285 T2	20110106	JP20100529428T	20081017
JP2014160472 A2	20140904	JP20140044128	20140306
KR20100098371 A	20100906	KR20107010857	20081017
NZ584371 A	20120224	NZ20080584371	20081017
US2010277278 AA	20101104	US20080682263	20081017
US9092918 BB	20150728	US20080682263	20081017
WO09087311 A1	20090716	WO2008FR01470	20081017

Priority:

FR20070007331 20071019 CN200880112113 20081017 JP20100529428 20081017
JP20100529428T 20081017 WO2008FR01470 20081017

Probable Assignee: NATURAL SECURITY

Assignee(s): (std): COUROUBLE BENOIT ; MULLIE ERIC ; ESTIENNE JACQUES ; GHARGI CHEKIB ; P1G ; HOZANNE CEDRIC ; NATURAL SECURITY ; NATURAL SEQRITY ; PIG ; GHARBI CHEKIB ; AUCHAN FRANCE ; AUCHAN FRANCE SA

Assignee(s): AUCHAN FRANCE SOC ANONYME ; AUCHAN FRANCE SOCIETE ANONYME

Inventor(s): (std): GHARBI CHEKIB ; ERIC MULLIE ; CHEKIB GHARGI ; CEDRIC HOZANNE ; BENOIT COUROUBLE ; JACQUES ESTIENNE ; ESTIENNE JACQUES ; COUROUBLE BENOIT ; GHARGI CHEKIB ; HOZANNE CEDRIC ; MULLIE ERIC

Agent(s): GRIFFITH HACK; NORTON ROSE FULBRIGHT CANADA LLP SENCRL SRL; BENTZ JEAN PAUL; NOVAGRAAF IP; NOVAGRAAF TECHNOLOGIES; HARAKENZO WORLD PATENT AND TRADEMARK; SEYFARTH SHAW LLP; BRIAN

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

3) Family number: 16040798 (US2004236954A)

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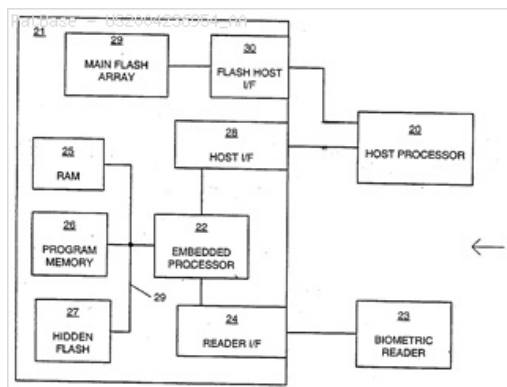
Title: BIOMETRIC-BASED AUTHENTICATION IN A NONVOLATILE MEMORY DEVICE

Abstract: A biometric-based security circuit in which the user database, processor, and biometric map generation functions are all located on the same integrated circuit whose secure contents are inaccessible from external to the integrated circuit. Biometric data, such as a fingerprint, retina scan, or voiceprint, is taken from a user requesting access to restricted resources. The biometric data is transferred into the integrated circuit, where it is converted to a biometric map and compared with a database of biometric maps stored in a non-volatile memory in the integrated circuit. The stored maps represent pre-authorized users, and a match triggers the security circuit to send a signal to a host processor authorizing the host processor to permit the requesting user access to the restricted resources. The integrated circuit essentially serves as a write-only memory for the secure data, because the secure data and security functions in the integrated circuit are not directly accessible through any pin or port, and therefore cannot be read or monitored through a dedicated security attack. A second non-volatile memory, accessible from external to the integrated circuit, can also be provided in the integrated circuit for holding non-secure data. This second memory has its own interface port, and is isolated from the security-related functions and memory so that secure and non-secure functions are physically isolated from each other and cannot be modified to overcome that isolation.

Classifications:

International (IPC 8-9): G06F1/00 G06F21/00 G06K9/00 G07C9/00

H04K1/00 H04L9/00 (Advanced/Invention);
G06F1/00 G06F21/00 G06K9/00 G07C9/00 H04K1/00
H04L9/00 (Core/Invention)
International (IPC 1-7): G06F1/00 G07C9/00 H04K1/00 H04L9/00
H04L9/32
CPC: G07C9/37 G06F21/86 G06K9/00973 G06F21/32
European: G06F1/00N5A2B G06F21/32 G06F21/86 G06K9/00Y
G07C9/00C2D
US: 713/165 713/182 713/186 713/186P 726/5



Family:

Publication number	Publication date	Application number	Application date
AT370473 E	20070915	AT20010942144T	20010607
AU2001275435 AA	20020108	AU20010275435	20010607
AU200175435 A1	20020108	AU20010075435	20010607
AU200175435 A5	20020108	AU20010075435	20010607
CN1229705 C	20051130	CN20018011984	20010607
CN1443343 A	20030917	CN20018011984	20010607
DE60129967 D1	20070927	DE20016029967	20010607
DE60129967 D1	20070927	DE20016029967T	20010607
DE60129967 T2	20080430	DE20016029967T	20010607
EP1295261 A2	20030326	EP20010942144	20010607
EP1295261 B1	20070815	EP20010942144	20010607
TW515936 B	20030101	TW20010112430	20010523
US2004236954 AA	20041125	US20040867472	20040614
US6775776 BA	20040810	US20000604682	20000627
US7389425 BB	20080617	US20040867472	20040614
WO0201328 A2	20020103	WO2001US18692	20010607
WO0201328 A3	20020606	WO2001US18692	20010607

Priority:

US20000604682 20000627 WO2001US18692 20010607 US20040867472 20040614

Probable Assignee: INTEL CORP

Assignee(s): (std): BRIZEK JOHN ; HASBUN ROBERT ; INTEL CORP ; VOGT JAMES

Assignee(s): VOGT JAMES R ; HASBUN ROBERT N ; BRIZEK JOHN P

Inventor(s): (std): HASBUN ROBERT ; VOGT JAMES ; BRIZEK JOHN ; VOGT JAMES R ; HASBUN ROBERT N ; BRIZEK JOHN P ; HASBUN R ; VEGT J ; BRIZEK J ; BRIZEK R HASBUN J VEGT J ; J VEGT ; R HASBUN ; R HASBUN J VEGT J BRIZEK ; J BRIZEK

Inventor(s): ROBERT HASBUN ; JAMES VOGT ; JOHN BRIZEK

Agent(s): BLAKELY SOKOLOFF TAYLOR AND ZAFMAN LLP

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

4) Family number: 30498330 (WO04034335A1)

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Title: ACCESS CONTROL UNIT AND METHOD FOR CARRYING OUT SAID METHOD

Abstract: The inventive access control unit is arranged in the form of an autonomous unit (16) disposed near a door or integrated into an architrave. Various modules can be introduced in said unit (16) or replaced. For increased security, at least two data concerning a person wishing to pass through the door are requested and checked.

Classifications:

International (IPC 8-9): G07C9/00 (Advanced/Invention);
G07C9/00 (Core/Invention)

International (IPC 1-7): G07C9/00

CPC: G07C9/257 G07C9/27

European: G07C9/00B6D4 G07C9/00B8

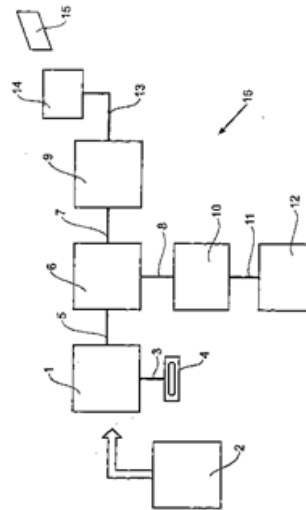


Fig. 1

Family:

Publication number	Publication date	Application number	Application date
AU2003271690 AA	20040504	AU20030271690	20031007
DE10246664 A1	20040415	DE20021046664	20021007
EP1602079 A1	20051207	EP20030753513	20031007
WO04034335 A1	20040422	WO2003EP11047	20031007

Priority:

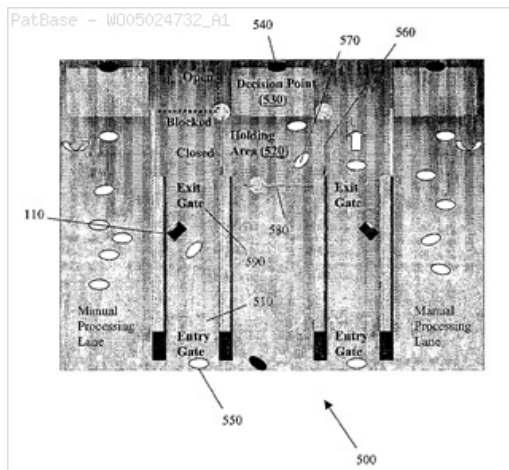
DE20021046664 20021007 WO2003EP11047 20031007

Probable Assignee: DORMA GMBH AND CO KG**Assignee(s):** (std): BAUMANN CHRISTOPH ; DORMA GMBH AND CO KG ; KIWITT WOLFGANG ; WULFF DIETER**Inventor(s):** (std): WULFF DIETER ; KIWITT WOLFGANG ; BAUMANN CHRISTOPH**Inventor(s):** DIETER WULFF ; WOLFGANG KIWITT ; CHRISTOPH BAUMANN**Designated states:** AE AT AU BE BG BR CA CH CN CY CZ DE DK EE ES FI FR GB GR HU IE IL IT JP LI LU MC NL NO PL PT RO RU SE SG SI SK TR US ZA**5) Family number: 31747648 (WO05024732A1)**

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Title: SYSTEM AND METHOD PROVIDING GATELESS CONTROL AND PROCESSING OF PERSONS ENTERING OR EXITING SECURE AREAS OR CROSSING BORDERS

Abstract: An access control method and/or system for automated identification and verification of subjects attempting to pass through a secure line (such as passengers crossing an immigration line at an airport or land-crossing), using personal identification (such as a combination of tokens and biometric access control) thereby allowing subjects to be identified by non proximity readers. The subject is processed and matched against a range of biometric enrolment identifiers provided a manifest list, such that subjects are identified prior to approaching a primary line. Subjects are tracked by the system prior to approaching an authorised officer provided with a computer system that can be used to identify the subject to the authorised officer for final visual confirmation.

Classifications:**International (IPC 8-9):** G07C9/00 (Advanced/Invention); G07C9/00 (Core/Invention)**International (IPC 1-7):** E06B11/00 G07C9/00**CPC:** G07C9/257 G07C9/37**European:** G07C9/00B6D4 G07C9/00C2D**Family:**

Publication number	Publication date	Application number	Application date
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WO05024732 A1	20050317	WO2004AU01207	20040908
WO05024733 A1	20050317	WO2004AU01208	20040908

Priority:

AU20030904900 20030908 AU20030904901 20030908 AU20030904902 20030908

Probable Assignee: INTERCARD WIRELESS LTD

Assignee(s): (std): INTERCARD WIRELESS LTD ; REEVES PETER

Assignee(s): INTERCARD WIRELESS LIMITED

Inventor(s): (std): REEVES PETER

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

6) Family number: 31960714 (FR2862794A)

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Title: PERSONS AUTHENTICATION AND TRACEABILITY PERMITTING SYSTEM, HAS MICRO-PROGRAMMED DEVICE THAT IS INTEGRATED WITH RADIO FREQUENCY IDENTIFIER AND TRANSMITS MESSAGE, CORRESPONDING TO MOVEMENT OF PERSON, TO MANAGEMENT SUPERVISOR

Abstract: The system has radio frequency units that identify a person (6) in a particular zone. Micro-programmed devices are integrated with radio frequency identifiers. The device transmits a message, corresponding to the movement of the person, to a management supervisor (12), where the message transmission is stopped when the identifier is moved out of the zone or destroyed voluntarily.

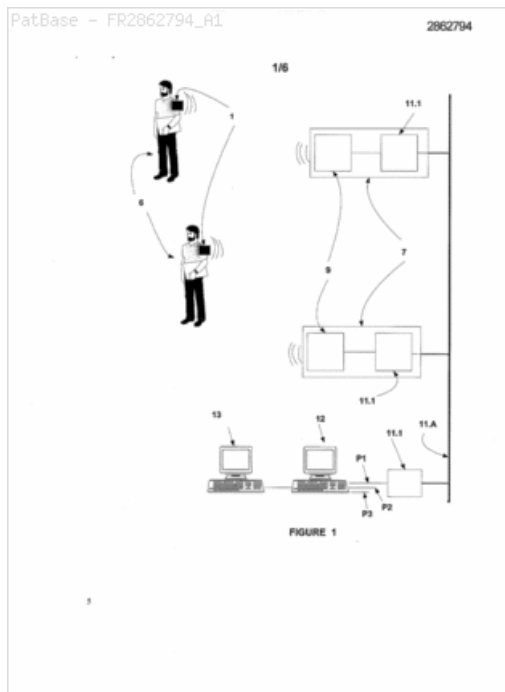
Classifications:

International (IPC 8-9): G07C1/20 G07C9/00 (Advanced/Invention); H04W4/02 (Advanced/Non-invention); G07C1/00 G07C9/00 (Core/Invention); H04W4/02 (Core/Non-invention)

International (IPC 1-7): G06K9/00 G07C9/00 H04Q7/38

CPC: G07C1/20 G07C9/257 G07C9/26 G07C9/28 G08B13/2462 G08B21/0211 H04W4/029

European: G07C1/20 G07C9/00B10 G07C9/00B6D4 G08B13/24B5T G08B21/02A1C S07C9/00B6D4A T04W4/02



Family:

Publication number	Publication date	Application number	Application date
FR2862794 A1	20050527	FR20030013889	20031125

Priority:

FR20030013889 20031125

Probable Assignee: SARL ALLIANCE MAN ET DEV

Assignee(s): (std): SARL ALLIANCE MAN ET DEV

Assignee(s): SARL ALLIANCE MANAGEMENT ET DEVELOPPEMENT

Inventor(s): (std): BESNARD PHILIPPE

7) Family number: 32802066 (US2006072793A)

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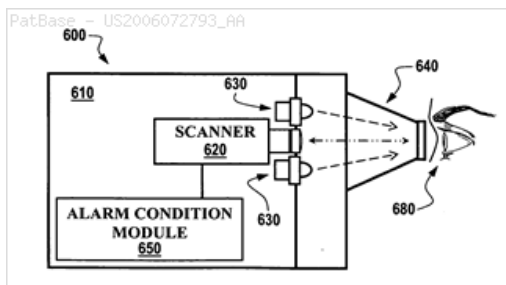
Title: SECURITY ALARM NOTIFICATION USING IRIS DETECTION SYSTEMS

Abstract: Biometric iris detection systems are adaptable for control of alarm conditions through the systems scanner or reader by physical actions of a user's eye and/or eye lid. An alarm condition can be set in a biometric iris detection system following a predetermined blinking pattern by a user's eyelid. An alarm condition also can be set in a biometric iris detection system following closure of a user's eyelid for a predetermined time following user identification/acceptance by the system. An alarm condition can following a predetermined movement pattern of a user's eyeball (e.g., a user looks at a particular area, or areas, within a biometric reader, e.g., upper left, upper right, lower left, lower right, during user identification and acceptance procedures. The embodiments of the present invention can be carried out using biometric iris detection hardware and image processing/control software.

Classifications:

International (IPC 8-9): G06K9/00 G06T7/00 G06T7/20 G07C9/00 G07F7/10 (Advanced/Invention);

G06K9/00 G07C9/00 G07F7/10 (Advanced/Non-invention);
G06K9/00 G06T7/00 G06T7/20 G07C9/00 G07F7/10 (Core/Invention)
CPC: G07C9/37 G06K9/00335 G06K9/00597 G06Q20/40145
G07F7/1008
European: G06K9/00G G06K9/00S G06Q20/40145 G07C9/00C2D
G07F7/10D
US: 382/117 382/117P



Family:

Publication number	Publication date	Application number	Application date
JP2008516339 T2	20080515	JP20070535774T	20051005
KR20070062599 A	20070615	KR20077010152	20070503
US2006072793 AA	20060406	US20040958928	20041005
WO06041919 A1	20060420	WO2005US35824	20051005

Priority:

US20040958928 20041005 WO2005US35824 20051005

Probable Assignee: HONEYWELL INT INC

Assignee(s): (std): DETERMAN GARY E ; HONEYWELL INT INC

Assignee(s): HONEYWELL INTERNATIONAL INC ; HONEYWELL INT

Inventor(s): (std): DETERMAN GARY E

Inventor(s): DETERMAN GARY

Agent(s): ONO SHINJIRO; SHAMOTO ICHIO; KOBAYASHI YASUSHI; TOMITA HIROYUKI; CHIBA AKIO; KRIS T FREDRICK HONEYWELL INT INC

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KP KR KZ LC LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

8) Family number: 19992264 (US2002030581A)

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Title: OPTICAL AND SMART CARD IDENTIFICATION READER

Abstract: A biometric authentication device for use with a data card such as an optical card, a memory chip card, or a smart card. The biometric device includes a fingerprint module having a fingerprint sensor for capturing a user's fingerprint placed onto the fingerprint sensor. The biometric device includes a portion adapted to receive and read a card containing optical or electronic fingerprint information. The biometric device includes processing capabilities to determine a match between data from the user's fingerprint captured from the fingerprint sensor and the electronic fingerprint data stored on the optical or smart card. Determination of the match between the captured fingerprint data and the electronic fingerprint data enables biometric verification of identification of the end user. The biometric device is useful in time and attendance, access and control, as well as user identification and verification applications. Programmable software used with the biometric device permits application specific biometric solutions to be developed.

Classifications:

International (IPC 8-9): G06F21/00 G06K9/00

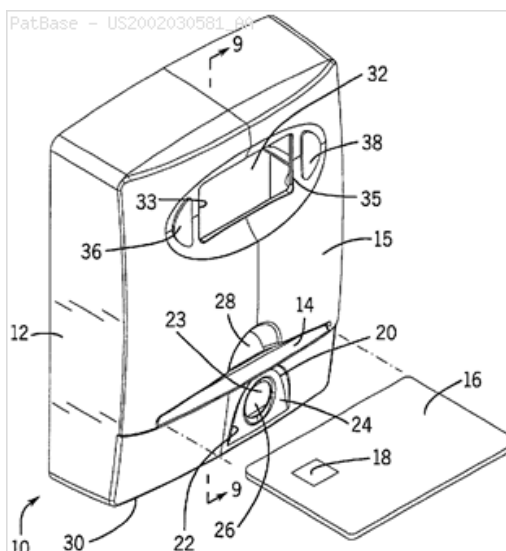
G07C9/00 (Advanced/Invention)

International (IPC 1-7): G05B19/00 G07C9/00

CPC: G07C9/257 G06F21/32 G06F21/34 G06K9/00013

European: G06F21/32 G06F21/34 G06K9/00A1 G07C9/00B6D4

US: 340/5.53 340/5.530P



Family:

Publication number	Publication date	Application number	Application date
EP1146487 A2	20011017	EP20010109175	20010412
US2002030581 AA	20020314	US20010834199	20010412
ZA200103067 A	20020102	ZA20010003067	20010412

Priority:

US20000197121P 20000414 US20010834199 20010412

Probable Assignee: BIOCENTRIC SOLUTIONS INC

Assignee(s): (std): BIOCENTRIC SOLUTIONS INC ; SCHENK THOMAS ; WACHTER GREG ; WOOD ALAN ; ZIEMBA FRANCIS

Assignee(s): JANIAK MARTIN J ; KRUEGER GREG ; BOOTH KEVIN ; DEPP MARK ; HOWE BARRY ; HUMPHREYS MATTHEW

Inventor(s): (std): JANIAK MARTIN J ; HOWE BARRY ; SCHENK THOMAS ; ZIEMBA FRANCIS ; DEPP MARK ; HUMPHREYS MATTHEW ; WACHTER GREG ; BOOTH KEVIN ; KRUEGER GREG ; WOOD ALAN ; MARK DEPP ; MARTIN J JANIAK ; GREG KRUEGER ; KEVIN BOOTH ; FRANCIS ZIEMBA ; ALAN WOOD ; BARRY HOWE ; GREG WACHTER ; THOMAS SCHENK ; MATTHEW HUMPHREYS

Designated states: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

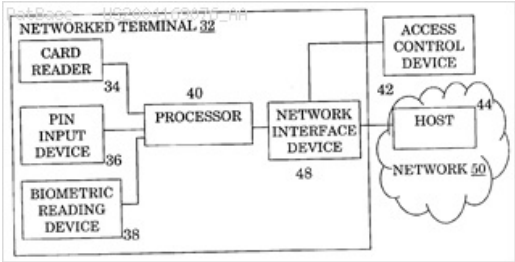
9) Family number: 26835630 (US2004169076A)

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Title: BIOMETRIC BASED AIRPORT ACCESS CONTROL

Abstract: One aspect of the invention is a system controlling individual access at an airport. The system comprising an access card having machine readable information of an encoded biometric characteristic. An access control terminal includes a reader for reading the encoded biometric characteristic from the access card. A biometric reader makes a contemporaneous biometric reading of the presenting individual. A processor grants or denies access by comparing the read encoded biometric reading with the presenting individual biometric reading. Another aspect of the invention is controlling entry to commercial vehicles. A biometric reading of a passenger is taken. A boarding pass having the passenger's biometric reading is generated. A contemporaneous biometric reading of each passenger presenting a boarding pass is taken. The presented boarding pass encoded information is compared to a contemporaneous input. Based on the comparison, access is granted or denied.

Classifications:
International (IPC 8-9): B42D15/10 G07B15/00 G07C9/00 (Advanced/Invention)
International (IPC 1-7): B42D15/10 G06K5/00 G07C9/00
CPC: G07C9/00896 G07C9/23 G07C9/257 G07B15/00 G07C9/25
European: G07B15/00 G07C9/00B6B G07C9/00B6D G07C9/00B6D4 G07C9/00E20
US: 235/382 235/382P



Family:

Publication number	Publication date	Application number	Application date
CA2411335 AA	20030508	CA20022411335	20021107
GB200226164 A0	20021218	GB20020026164	20021108
GB2382907 A1	20030611	GB20020026164	20021108
GB2382907 B2	20060208	GB20020026164	20021108
US2004169076 AA	20040902	US20020290810	20021108

Priority:
US20010337847P 20011108 CA20022411335 20021107 US20020290810 20021108

Probable Assignee: ACCU TIME SYSTEMS INC

Assignee(s): (std): ACCU TIME SYSTEMS INC

Assignee(s): BEALE RICHARD A ; BENOIT PAUL D ; SHEA JOSEPH B

Inventor(s): (std): BEALE RICHARD A ; BENOIT PAUL D ; SHEA JOSEPH B

Inventor(s): JOSEPH B SHEA ; PAUL D BENOIT ; RICHARD A BEALE

Agent(s): KIRBY EADES GALE BAKER

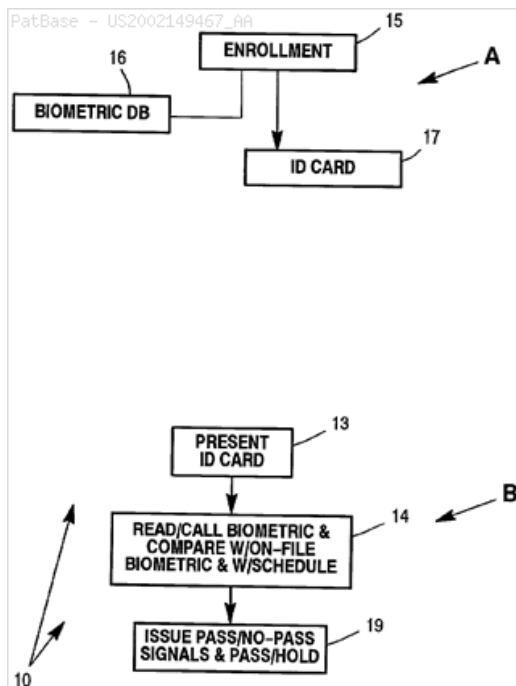
10) Family number: 28319442 (US2002149467A)

© PatBase

Title: HIGH SECURITY IDENTIFICATION SYSTEM FOR ENTRY TO MULTIPLE ZONES

Abstract: Control over access by individuals to a group of high security facilities and zones within such facilities is accomplished with use of biometric readers at each access door as well as a quick ID reading device that is not required to contain biometric information. Enrollment at a secure facility where biometrics are maintained for each individual establishes a multipart data file for each individual, each part of which may be accessed by different actors in the system. The individuals allowed security to various facilities can only be in a single facility at a given time and also control their own schedule.

Classifications:
International (IPC 8-9): G05B19/00 G07C9/00 H04Q1/00 (Advanced/Invention); G05B19/00 G07C9/00 H04Q1/00 (Core/Invention)
International (IPC 1-7): G05B19/00 H04Q1/00
CPC: G07C9/257
European: G07C9/00B6D4
US: 340/5.52 340/5.7 340/552 340/57



Family:

Publication number	Publication date	Application number	Application date
EP1354485 A1	20031022	EP20010987360	20011213
EP1354485 A4	20060510	EP20010987360	20011213
US2002149467 AA	20021017	US20000750394	20001228
US6867683 BB	20050315	US20000750394	20001228
WO02054784 A1	20020711	WO2001US47812	20011213

Priority:

US20000750394 20001228 WO2001US47812 20011213

Probable Assignee: UNISYS CORP

Assignee(s): (std): CALVESIO RAYMOND V ; UNISYS CORP ; OLSON JOHN A

Assignee(s): UNISYS HOLDING CORP ; WELLS FARGO BANK NATIONAL ASSOCIATION COLLATERAL TRUSTEE AS ; JPMORGAN CHASE BANK NA ADMINISTRATIVE AGENT AS ; DEUTSCHE BANK TRUST CO ; DEUTSCHE BANK TRUST CO AMERICAS COLLATERAL TRUSTEE ; DEUTSCHE BANK TRUST CO AMERICAS COLLATERAL TRUSTEE AS ; GENERAL ELECTRIC CAPITAL AGENT AS CORP ; GENERAL ELECTRIC CAPITAL AGENT CORP AS

Inventor(s): (std): CALVESIO RAYMOND V ; OLSON JOHN A

Agent(s): MARK T; MICHAEL B

Designated states: AT BE BR CA CH CN CY DE DK ES FI FR GB GR IE IT JP KR LI LU MC MX NL PT SE SG TR

11) Family number: 29327443 (US2003200446A)

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Title: SYSTEM AND METHODS FOR ACCESS CONTROL UTILIZING TWO FACTORS TO CONTROL ACCESS

Abstract: A system and methods controls access to an accessed system utilizing a two-factor requirement for admittance. One factor may be biometric data read and extracted from an individual wishing to gain access to the accessed system. The other factor may be an electronic key signal received at an input device of the access control system that is converted to an input signal. In some instances, the input signal is used to access correlating biometric data in a memory. Then, the extracted live biometric data and the stored biometric data are compared to generate a matching result signal. The matching results signal is transmitted to a Wiegand access control panel to control access to the accessed system. In other instances, the extracted live biometric data is compared to biometric data stored in a memory corresponding to a plurality of individual's biometric data that are allowed access to the accessed system. If there is a match, an ID biometric signal is generated and transmitted to the Wiegand access control panel. Along with the ID biometric signal, and ID input signal is transmitted from an input device to the Wiegand access control panel, where the ID input signal is based on receiving an electronic key at the input device. Then, based on a comparison between the ID biometric signal and the ID input signal, the Wiegand access control panel controls access to the accessed system.

Classifications:

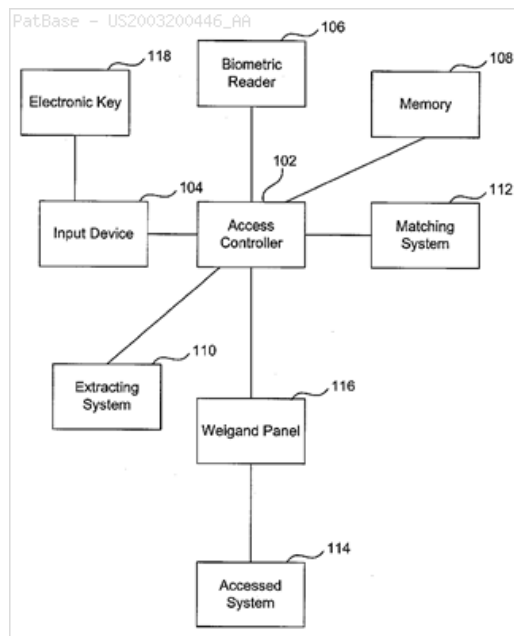
International (IPC 8-9): G06F21/00 G07C9/00 (Advanced/Invention); G06F21/00 G07C9/00 (Core/Invention)

International (IPC 1-7): G06F12/14 G06F3/00 G06K9/00 H04K1/00 H04L9/00

CPC: G07C9/257 G06F21/32 G06F21/34

European: G06F21/32 G06F21/34 G07C9/00B6D4

US: 382/115 713/186 713/186P 713/202



Family:

Publication number	Publication date	Application number	Application date
AU2003222673 AA	20031103	AU20030222673	20030421
US2003200446 AA	20031023	US20020125646	20020419
US6944768 BB	20050913	US20020125646	20020419
WO03090403 A1	20031030	WO2003US12280	20030421

Priority:

US20020125646 20020419 WO2003US12280 20030421

Probable Assignee: CROSS MATCH INC

Assignee(s): (std): CROSS MATCH TECHNOLOGIES INC

Assignee(s): CROSS MATCH INC ; CROSS MATCH TECHNOLOGIES GMBH ; SONAVATION INC ; SONAVATION INC F KA AUTHORIZER TECHNOLOGIES INC ; SILICON VALLEY BANK ADMINISTRATIVE AGENT AS ; AUTHORIZER TECHNOLOGIES INC ; CROSS MATCH HOLDINGS INC

Inventor(s): (std): CANNON GREG L ; MCCLURG GEORGE W ; SIEGEL WILLIAM G

Inventor(s): WILLIAM G SIEGEL ; GEORGE W MCCLURG ; GREG L CANNON

Agent(s): STERNE KESSLER GOLDSTEIN AND FOX PLLC

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NI NL NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

12) Family number: 30517271 (US2004083371A)

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Title: SYSTEM AND METHOD FOR BIOMETRIC VERIFICATION IN A DELIVERY PROCESS

Abstract: Described is a method and system for providing a verified delivery of a package. First, registration information is obtained from a recipient; the registration information includes a biometric identification of the recipient. A delivery service obtains the package from a sender which is addressed to the recipient and forwards the package to the recipient. At the point of delivery, the delivery service obtains a further biometric identification from the recipient using a portable device which includes a biometric reader. The delivery service releases the package to the recipient only if the biometric identification is substantially identical to the further biometric identification.

Classifications:

International (IPC 8-9): A61B5/117 B65G61/00 G06F21/00 G06K17/00 G06K19/10 G06Q10/00 G06Q10/08 G06Q50/00 G07C9/00 H04K1/00 H04L9/00 H04L9/32 (Advanced/Invention); G07B17/00 (Advanced/Non-invention);

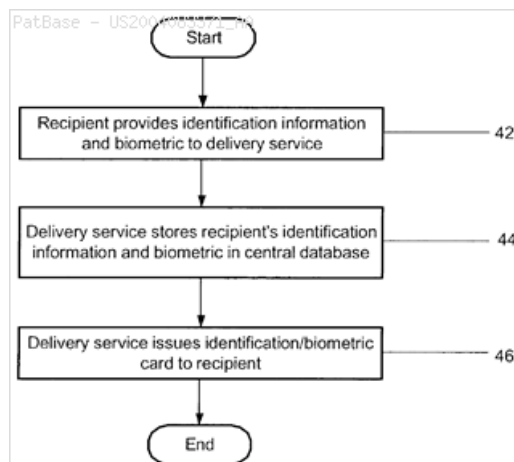
A61B5/117 B65G61/00 G06F21/00 G06K17/00 G06K19/10 G06Q10/00 G06Q50/00 G07C9/00 H04K1/00 H04L9/00 H04L9/32 (Core/Invention); G07B17/00 (Core/Non-invention)

International (IPC 1-7): H04L9/32

CPC: G07C9/257 G06F21/32 G06Q10/08 G07B2017/00838

European: G06F21/32 G06Q10/08 G07C9/00B6D4 S06F221/2117 S07B17/00G3B

US: 713/166 713/182 713/185 713/186 713/186P 713/202 726/7 726/7S



Family:

Publication number	Publication date	Application number	Application date
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AU2003284937 AA	20040525	AU20030284937	20031027
CN1714532 A	20051228	CN200380102522	20031027
EP1556994 A1	20050727	EP20030779256	20031027
EP1556994 A4	20071205	EP20030779256	20031027
JP2006505045 T2	20060209	JP20040548475T	20031027
US2004083371 AA	20040429	US20020283405	20021029
US2006156029 AA	20060713	US20060366864	20060301
US7039813 BB	20060502	US20020283405	20021029
US8499165 BB	20130730	US20060366864	20060301
WO04040841 A1	20040513	WO2003US33856	20031027

Priority:

US20020283405 20021029 WO2003US33856 20031027 US20060366864 20060301

Probable Assignee: SYMBOL TECHNOLOGIES INC

Assignee(s): (std): SPARACINO SALVATORE A ; SPARACINO SALVATORE ANTHONY ; SYMBOL TECHNOLOGIES INC ; ALGAZI ALLAN S ; ALGAZI ALLAN STUART

Assignee(s): MORGAN STANLEY SENIOR FUNDING INC COLLATERAL AGENT AS ; SYMBOL TECHNOLOGIES LLC

Inventor(s): (std): ALGAZI ALLAN STUART ; SPARACINO SALVATORE ANTHONY ; ANTHONY ALGAZI ALLAN STUART SP ; SPARACINO SALVATORE A ; ALGAZI ALLAN S ; SALVATORE ANTHONY SPARACINO ; ALLAN STUART ALGAZI

Inventor(s): ALGAZI ALLAN ; SPARACINO SALVATORE ; ALGAZI ALLAN STUART SPARACINO SALVATORE ANTHONY

Agent(s): ONDA HIRONORI; ONDA MAKOTO; FAY KAPLUN AND MARCIN LLP

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

13) Family number: 33002382 (CA2485805A)

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Title: BIOMETRIC REMOTE ACCESS TO SECURED ENVIRONMENT

Abstract: A security system for providing secure access to an environment, data access or any other service and a method for operating the same is disclosed. Depending on the level of security required, the security system can comprise of all or part of the following: an enrolling device, a mobile biometric device, an electronic interface to a wireless modem, a receiving wireless modem, computing device, and all other electronics and software required to allow access to the secured environment, data or other service.

Classifications:

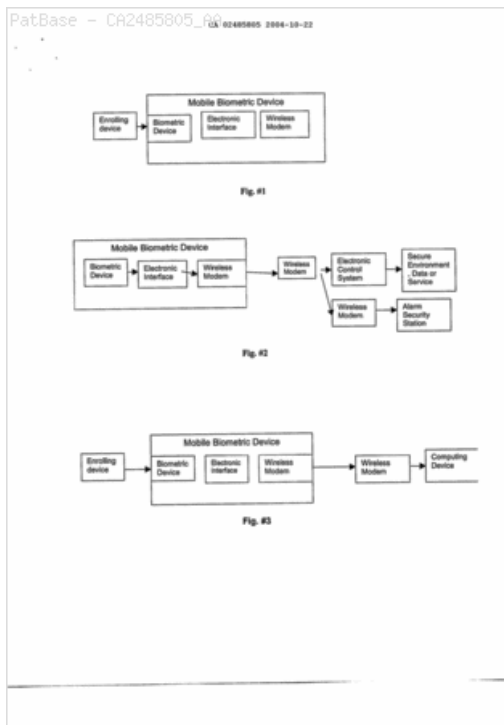
International (IPC 8-9): A61B5/117 A61B5/1171 G07C9/00

G08B13/00 (Advanced/Invention);

A61B5/117 G07C9/00 G08B13/00 (Core/Invention)

CPC: G07C9/37

European: G07C9/00C2D



Family:

Publication number	Publication date	Application number	Application date
CA2485805 AA	20060422	CA20042485805	20041022

Priority:

CA20042485805 20041022

Probable Assignee: HOSSU IOAN

Assignee(s): (std): HOSSU IOAN ; ILIESCU CRINU

Inventor(s): (std): ILIESCU CRINU ; HOSSU IOAN

Agent(s): ROLSTON GEORGE A

Title: IDENTITY VERIFICATION AND ACCESS CONTROL

Abstract: A system and method of identity verification and access control of patrons to a venue in which a biometric reader is provided for reading an identifying biological characteristic of the patron. A biometric information processing means is provided for generating a unique biometric information key for the patron based on the identifying biological characteristic read by the biometric reader. A primary database for stores the biometric information keys of newly enrolled patrons and all patrons who have previously attended the venue and been enrolled. A means is also provided to record information indicating that one or more of the biometric information keys belong to patrons that have been banned access to the venue. An access data processing means compares the biometric information key generated by the biometric information processing means with the biometric information keys stored in said primary database in order to verify both the identity of the patron and whether the patron is banned access, prior to permitting the patron access to the venue.

Classifications:

International (IPC 8-9): G06F7/04 G06K G06K9/62 G07C

G07C9/00 (Advanced/Invention);

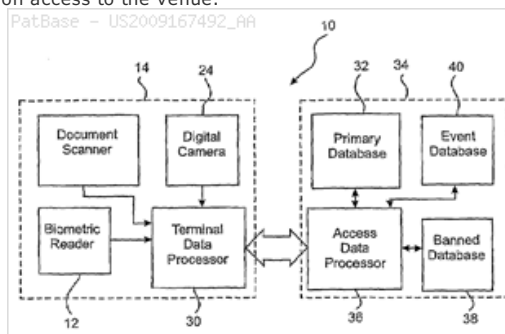
G06F7/02 G06K9/62 G07C9/00 (Core/Invention);

G06K G07C (Subclass/Invention)

CPC: G07C9/37 G06K9/62 G07C9/25 G07C9/257

European: G06K9/62 G07C9/00B6D G07C9/00B6D4 G07C9/00C2D

US: 340/5.82 340/5.820P

**Family:**

Publication number	Publication date	Application number	Application date
AU2007219702 AA	20070907	AU20070219702	20070227
AU2007219702 BB	20091001	AU20070219702	20070227
CN101438297 A	20090520	CN200780016008	20070227
CN101438297 B	20120620	CN200780016008	20070227
EP1999689 A1	20081210	EP20070701546	20070227
EP1999689 A4	20100929	EP20070701546	20070227
GB200815448 A0	20081001	GB20080015448	20070227
GB2450017 A1	20081210	GB20080015448	20070227
GB2450017 B2	20100428	GB20080015448	20070227
HK1124679 A1	20101231	HK20090102922	20090327
HK1124679 A1	20090717	HK20090102922	20090327
HK1124679 A1	20101231	HK20090102922	20090327
HK1124679 B	20101231	HK20090102922	20090327
NZ571422 A	20100827	NZ20070571422	20070227
US2009167492 AA	20090702	US20070281307	20070227
WO07098529 A1	20070907	WO2007AU00217	20070227
ZA200808216 A	20091028	ZA20080008216	20080926

Priority:

AU20060901019 20060301 AU20070219702 20070227 WO2007AU00217 20070227

Probable Assignee: ENTRY DATA PTY LTD

Assignee(s): (std): ENTRYDATA PTY LTD ; HUBBLE SIMON ANTHONY ; MADAFFERI MARIO

Assignee(s): ENTRY DATA PTY LTD

Inventor(s): (std): MARIO MADAFFERI ; ANTHONY HUBBLE SIMON ; MADAFFERI MARIO ; HUBBLE SIMON ANTHONY

Inventor(s): SIMON ANTHONY HUBBLE ; MARIO MADAFFERL

Agent(s): WRAYS; JANET STEAD AND ASSOCIATES PATENT AND TRADE MARKS ATTORNEYS; HIGGS JONATHAN ET AL; MARKS AND CLERK; LAW OFFICE OF MARK BROWN LLC

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: MULTIMODAL FUSION DECISION LOGIC SYSTEM

Abstract: The present invention includes a method of deciding whether a data set is acceptable for making a decision. A first probability partition array and a second probability partition array may be provided. A no-match zone may be established and used to calculate a false-acceptance-rate ("FAR") and/or a false-rejection-rate ("FRR") for the data set. The FAR and/or the FAR may be compared to desired rates. Based on the comparison, the data set may be either accepted or rejected. The invention may also be embodied as a computer readable memory device for executing the methods.

Classifications:

International (IPC 8-9): A61B5/00 A61B5/117 B07C5/00 G05B19/00

G06E1/00 G06E3/00 G06F15/18 G06F17/10 G06F17/18 G06G7/00

G06K9/00 G06K9/03 G06K9/62 G06K9/66 G06N3/00 G06N3/02

G06N5/02 G06Q20/40 G07C9/00 H04K1/00 (Advanced/Invention);

G06F21/00 G06F21/32 (Advanced/Non-invention);

B07C5/00 G05B19/00 G06F17/18 G06K9/00 G06K9/03 G06K9/62

G06K9/64 G06N3/00 G06N5/00 H04K1/00 (Core/Invention);

G06F21/00 (Core/Non-invention)

CPC: G06K9/6277 G06K9/00885 G06Q20/3674 G06K9/00892

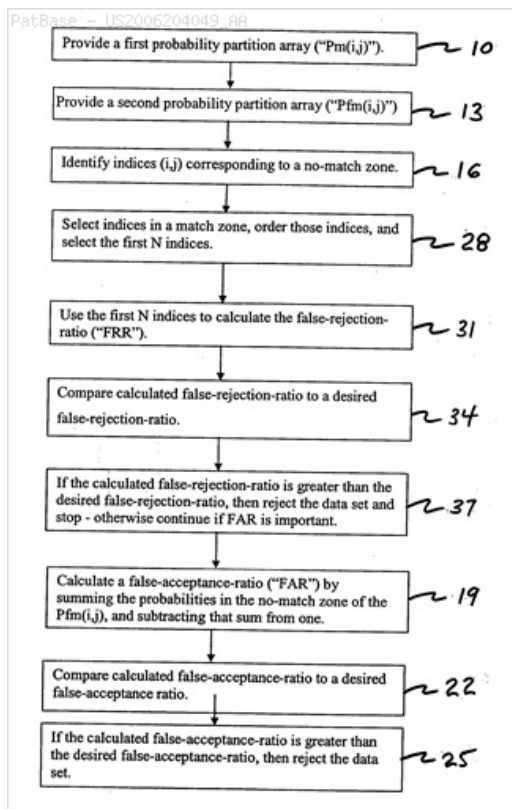
G06K9/00006 G06K9/6292 G06K9/6293 G06N20/00 G06N5/02

European: G06K9/00A G06K9/00X G06K9/00X1 G06K9/62C1P

G06K9/62F3 G06K9/62F3M G06K9/68B3 G06N5/02 G06N99/00L

G06Q20/3674

US: 209/583 340/5.2 340/5.200S 340/5.52 340/5.520S 382/115
382/115P 382/116 382/224 382/228 702/181 702/181P 705/67
705/67S 706/15 706/48 706/48P 713/186 713/186S 726/2 726/2S



Family:

Publication number	Publication date	Application number	Application date
CA2594592 AA	20070712	CA20052594592	20051115
CA2604201 AA	20071009	CA20062604201	20060526
CA2701935 AA	20100308	CA20072701935	20071022
GB200713689 A0	20070822	GB20070013689	20051115
GB200718625 A0	20071031	GB20070018625	20060526
GB201003966 A0	20100421	GB20100003966	20071022
GB201010299 A0	20100804	GB20100010299	20060526
GB2438103 A1	20071114	GB20070013689	20051115
GB2438103 B2	20100818	GB20070013689	20051115
GB2438103 B8	20100915	GB20070013689	20051115
GB2441237 A1	20080227	GB20070018625	20060526
GB2441237 B2	20101124	GB20070018625	20060526
GB2465716 A1	20100602	GB20100003966	20071022
GB2468798 A1	20100922	GB20100010299	20060526
GB2468798 B2	20110309	GB20100010299	20060526
US2006204049 AA	20060914	US20050273824	20051115
US2006260988 AA	20061123	US20060420686	20060526
US2008104006 AA	20080501	US20070876521	20071022
US2009171623 AA	20090702	US20080254699	20081020
US7287013 BB	20071023	US20050273824	20051115
US7440929 BB	20081021	US20060420686	20060526
US7558765 BB	20090707	US20070876521	20071022
US8190540 BB	20120529	US20080254699	20081020
WO06078343 A2	20060727	WO2005US41290	20051115
WO06078343 A3	20090423	WO2005US41290	20051115
WO06128162 A2	20061130	WO2006US20898	20060526
WO06128162 A3	20090423	WO2006US20898	20060526
WO09032020 A1	20090312	WO2007US82130	20071022

Priority:

US20050643853P 20050114	US20050685429P 20050527	US20050273824 20051115
WO2005US41290 20051115	GB20070018625 20060526	US20060420686 20060526
WO2006US20898 20060526	US20070970791P 20070907	US20070876521 20071022
WO2007US82130 20071022	US20080254699 20081020	

Probable Assignee: QUALCOMM INC

Assignee(s): (std): BAKER JAMES T ; KIEFER FRED W ; PRATT LEONARD ; ULTRA SCAN CORP ; SCHNEIDER JOHN K

Assignee(s): QUALCOMM INC

Inventor(s): (std): SCHNEIDER JOHN K ; KIEFER FRED W ; BAKER JAMES T ; KIEFER FREDRICK W ; KIEFER FREDERICK W ; PRATT LEONARD

Inventor(s): FREDERICK W KIEFER ; KIEFER FRED ; SCHNEIDER JOHN ; BAKER JAMES ; JOHN K SCHNEIDER ; FREDRICK W KIEFER ; LEONARD PRATT ; JAMES T BAKER ; FRED W KIEFER

Agent(s): PIASETZKI AND NENNIGER LLP; SMART AND BIGGAR; SMART AND BIGGAR LLP; HODGSON RUSS LLP; HODGSON RUSS LLP, THE GUARANTY BUILDING; HODGSON RUSS LLP GUARANTY BUILDING; HODGSON RUSS LLP, THE GUARANTY BUILDING; ROBERTS KENT R ET AL; CUTAIA ALFONZON I ET AL

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW

16) Family number: 45946420 (US2010171600A)

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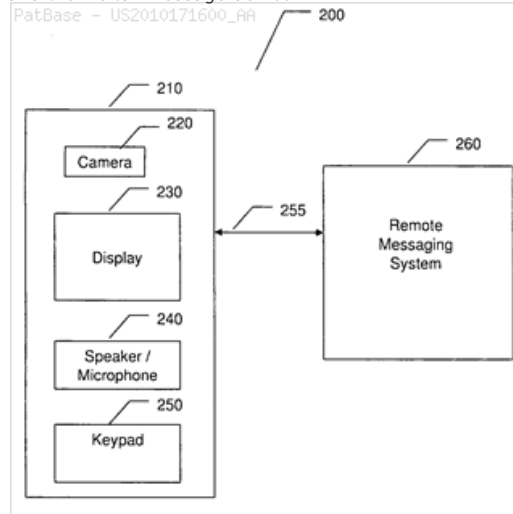
Title: REMOTE MESSAGING AND SECURITY SYSTEM

Abstract: A message and security system comprising a visitor message device and a host message device is disclosed. The host message device allows a host to select a message or status which is indicated or displayed on the visitor message device. The messages can be personalized so that a visitor after inputting identification information is given an appropriate message. A lock controller connected to the host message device locks and unlocks entrances. A host remote device remotely controls and communications with the host message device and the visitor message device.

Classifications:**International (IPC 8-9):** G07C11/00 G07C9/00

H04N7/18 (Advanced/Invention);

G07C11/00 (Core/Invention)

CPC: H04M11/007 H04M11/025**European:** H04M11/00B H04M11/02B**US:** 340/286.06 340/286.060P**Family:**

Publication number	Publication date	Application number	Application date
■ CN101770659 A	20100707	CN200910126338	20090303
■ US2010171600 AA	20100708	US20090349544	20090107

Priority:

US20090349544 20090107

Probable Assignee:

WU MING YUAN

Assignee(s): (std):

MING YUAN WU ; WU MING YUAN

Inventor(s): (std):

WU MING YUAN ; MING YUAN WU

Agent(s):

SINORICA LLC

17) Family number: 51228352 (US2012138680A)

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Title: BIOMETRIC TERMINALS

Abstract: Biometric terminals are disclosed that include a biometric reader, an input device, and a processor coupled with the biometric reader and the input device. The processor has instructions to read a biometric measure from a user with the biometric reader. It also has instructions to receive an encoded signal from a handheld device with the input device, the encoded signal including an instruction to update a biometric access system. Instructions are included to decode the encoded signal and to modify biometric access by the user to the biometric access system in accordance with the instruction to update the biometric access system. Update of the biometric access system is acknowledged.

Classifications:**International (IPC 8-9):** G06F21/00 G06F21/32 G06F7/04 G06K19/06

G06K5/00 G06K7/00 G06K7/01 G06K7/10 G07C9/00 H03K17/94

H03M11/00 H04L29/06 (Advanced/Invention)

CPC: G07C9/37 G06K7/1095 G07C2009/00841 G06F21/32

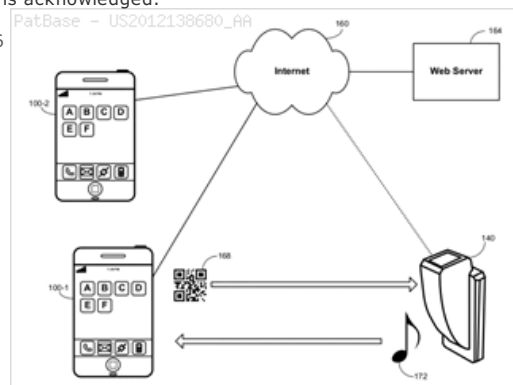
H04L63/0861

US: 1/1 235/375 235/380 235/380S 235/382 235/382.5

235/382.500P 235/454 235/462.09 235/462.1 235/462.13

235/462.32 235/494 235/494P 340/5.82 340/5.820S 713/186

713/186P

**Family:**

Publication number	Publication date	Application number	Application date
■ EP2646941 A2	20131009	EP20110845545	20111123
■ EP2646941 A4	20170419	EP20110845545	20111123
■ US2012138680 AA	20120607	US20110303703	20111123
■ US2012138693 AA	20120607	US20110303656	20111123
■ US2012144204 AA	20120607	US20110303619	20111123

US8651383 BB	20140218	US20110303656	20111123
US8840020 BB	20140923	US20110303703	20111123
US9122856 BB	20150901	US20110303619	20111123
WO12074873 A2	20120607	WO2011US62060	20111123
WO12074873 A3	20140410	WO2011US62060	20111123

Priority:

US20100418672P 20101201 US20100418676P 20101201 US20100418682P 20101201
US20110303656 20111123 US20110303619 20111123 US20110303703 20111123
WO2011US62060 20111123

Probable Assignee: LUMIDIGM INC

Assignee(s): (std): HID GLOBAL CORP ; LITZ ALEXANDER A ; LUMIDIGM INC ; ROWE ROBERT K

Inventor(s): (std): LITZ ALEXANDER A ; ROWE ROBERT K

Agent(s): HARRIS IAN RICHARD; MARSH FISCHMANN AND BREYFOGLE LLP; DANIEL J; JONATHON A

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

18) Family number: 55717875 (US2015213659A)

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Title: SYSTEM AND DEVICE FOR AUTHENTICATING A USER

Abstract: The invention utilize an inventive device being a small, portable, handheld self-contained operating unit for reading your private information (as smart card) and all your private biometric data (as from fingerprints, voice, eye-iris, face shape readers) to help you mixed together with its unique readable production series number to secure a special coded startup of all your private equipment and help you to connect safely to your bank account, your data storage on the clouds, your government files etc. The devise may also provide you with this unique safe series number mixed cryptic verification of your own identity to open your own home, your office, your car, your equipment, your bike, your boat, your MC and all your other digital locks. A portable system for authenticating you as a user trying to access your service (22, 32), said system including a device (11) with a CPU (12), ROM (13), RAM (14), at least one biometric reader (18, 114, 110), and communication means (112, 113), the device being operated only by data permanently stored in the ROM (13), the RAM (14) being flushed after each operating cycle.

Classifications:

International (IPC 8-9): G06F G06F21/30 G06F21/32

G07C9/00 (Advanced/Invention);

G06F1/16 G06F21/31 G06K19/07 G06K19/073

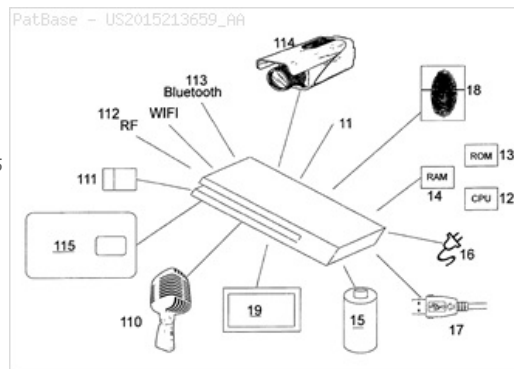
G06Q20/40 (Advanced/Non-invention);

G06F (Subclass/Invention)

CPC: G07C9/25 G07C9/257 G07C9/26 G07C9/28 G06F21/32

G06F1/1684 G06F21/31 G06K19/0718 G06K19/07354 G06Q20/40145

US: 1/1 340/5.83



Family:

Publication number	Publication date	Application number	Application date
CN104508674 A	20150408	CN201380040260	20130730
CN104508674 B	20180911	CN201380040260	20130730
EP2696306 A1	20140212	EP20120178479	20120730
EP2880586 A1	20150610	EP20130756213	20130730
HK1208928 A1	20160318	HK20150109487	20150925
HK1208928 B	20190726	HK20150109487	20150925
US2015213659 AA	20150730	US20130418436	20130730
US9898879 BB	20180220	US20130418436	20130730
WO14021721 A1	20140206	WO2013NO50127	20130730

Priority:

EP20120178479 20120730 EP20130756213 20130730 WO2013NO50127 20130730

Probable Assignee: KK88NO AS

Assignee(s): (std): EKA AS ; KK88 NO AS

Assignee(s): KK88NO AS ; EKA A S

Inventor(s): (std): MARTHINUSSEN HARALD

Agent(s): OSLO PATENTKONTOR AS; IT AND T INTELLECTUAL PROPERTY; SACK IP LAW PC; KIMBERLEY; ALAN M

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

19) Family number: 56020348 (US2014078303A)

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Title: SYSTEM AND METHOD FOR IMPLEMENTING PASS CONTROL USING AN AUTOMATED INSTALLATION ENTRY DEVICE

Abstract: An AIE device and an improved method for implementing pass control is disclosed herein. The AIE device can

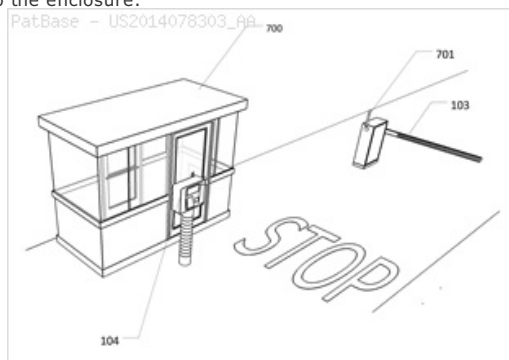
comprise an enclosure comprising a first surface viewable to an entrant from a first surface of the enclosure, and a second surface viewable to a guard from a second surface behind the enclosure. A first screen can be mounted within the first surface. A card reader and a biometric reader can be mounted within the first surface. A second screen can be mounted within the second surface, and a warning indicator can be mounted to the enclosure.

Classifications:

International (IPC 8-9): G06K9/00 G07C9/00 G08G1/01
H04N7/18 (Advanced/Invention)

CPC: G07C9/00904 G07C9/257

US: 1/1 340/5.53 340/933 348/148 348/156 348/E7.085



Family:

Publication number	Publication date	Application number	Application date
US2014078303 AA	20140320	US20120621694	20120917
US2019080534 AA	20190314	US20180168110	20181023

Priority:

US20120621694 20120917 US20180168110 20181023

Probable Assignee: MATTERN JEREMY

Assignee(s): (std): MATTERN JEREMY ; MATTERN JEREMY KEITH

Inventor(s): (std): MATTERN JEREMY KEITH ; MATTERN JEREMY

20) Family number: 64628362 (US2017013462A)

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Title: SYSTEMS AND METHODS FOR USE IN AUTHENTICATING INDIVIDUALS, IN CONNECTION WITH PROVIDING ACCESS TO THE INDIVIDUALS

Abstract: Systems, devices and methods are directed toward authenticating users to provide access to the users. A portable communication device, suitable for use in authenticating a user, includes a memory including a reference biometric for a user, a biometric reader, and a processor coupled to the memory and biometric reader. The processor is configured to, among other operations, compare a biometric of the user, as captured at the biometric reader, to the reference biometric stored in the memory. When the captured biometric matches the reference biometric, the processor is configured to authenticate the user and transmit an authentication signal to thereby provide access to the user. In various aspects, the authentication signal includes an identifier associated with the user, whereby other devices are able to recognize the user and authenticate the user based on the authentication signal, generally, without the user being separately authenticated at the other devices.

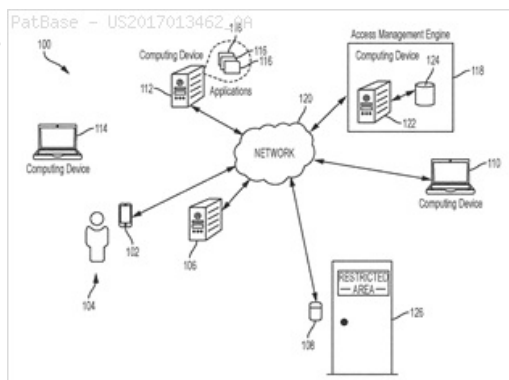
Classifications:

International (IPC 8-9): G06F21/32 G06F21/34 G07C9/00 H04L29/06
H04M3/16 H04W12/06 H04W12/08 H04W4/00 H04W4/06

H04W76/02 (Advanced/Invention)

CPC: G07C9/00563 H04L63/0861 H04L63/108 H04W4/06 H04W4/50
H04W4/80 H04W12/06 G07C9/00 G07C9/37 G07C9/38 H04L63/0853
H04W12/08

US: 1/1 455/411



Family:

Publication number	Publication date	Application number	Application date
EP3320472 A1	20180516	EP20160822038	20160708
EP3320472 A4	20190227	EP20160822038	20160708
IN201717043317 A	20171229	IN201717043317	20171202
US2017013462 AA	20170112	US20160205664	20160708
US9775044 BB	20170926	US20160205664	20160708
WO17008013 A1	20170112	WO2016US41511	20160708

Priority:

US20150190284P 20150709 US20160205664 20160708 WO2016US41511 20160708

Probable Assignee: MASTERCARD INT INC

Assignee(s): (std): MASTERCARD INT INC

Inventor(s): (std): JANGI ARVIND

Agent(s): GILL JENNINGS AND EVERY LLP; HARNESS DICKEY AND PIERCE PLC; DOBBYN COLM J

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: METHOD AND SYSTEM FOR NON-AUTHORITATIVE IDENTITY AND IDENTITY PERMISSIONS BROKER AND USE THEREOF

Abstract: A credentialing system comprises an identity source storing identity attributes for users, identity wallets for users that enable access to the identity attributes in the identity source, and identity brokers for accessing the identity source on behalf of access control systems of organizations. This system can address both the data privacy and trust issues allowing a non-authoritative identity source in a distributed environment to be used for all identity purposes through the ability to broker the identity and attributes of the identity across any number of physical or logical credentials and across different organizations. The system further implements an identity score stored along with identity attributes. The score rates the strength of the identity from the global non-authoritative source.

Classifications:

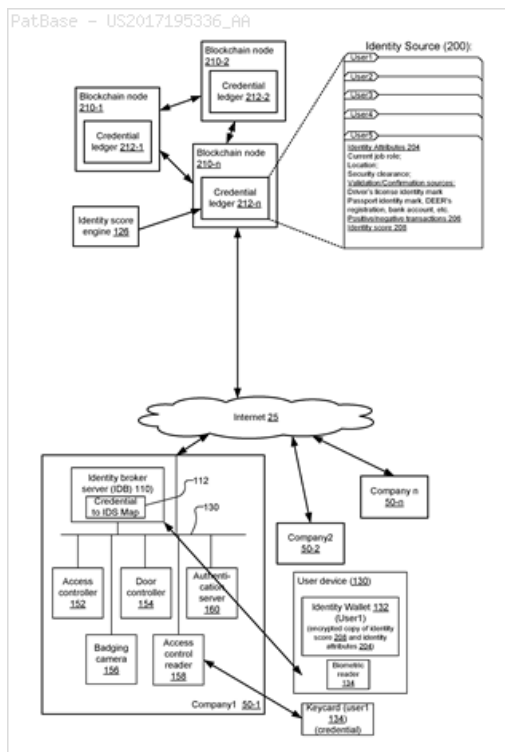
International (IPC 8-9): G06F21/41 G07C9/00

H04L29/06 (Advanced/Invention)

CPC: G06F21/32 G06F21/85 G06F21/41 G07C9/27 H04L63/0861

H04L63/102

US: 1/1 726/4



Family:

Publication number	Publication date	Application number	Application date
EP3400582 A1	20181114	EP20170701360	20170109
US2017195336 AA	20170706	US20160988472	20160105
WO17118961 A1	20170713	WO20171B50093	20170109

Priority:

US20160988472 20160105 WO20171B50093 20170109

Probable Assignee: SENSORMATIC ELECTRONICS LLC

Assignee(s): (std): SENSORMATIC ELECTRONICS LLC

Inventor(s): (std): OUELLETTE JASON M

Agent(s): WRIGHT HOWARD HUGH BURNBY; HOUSTON J GRANT

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

Title: SISTEMA DE CONTROLE DE ACESSO E FILA AUTOMATIZADO Access CONTROL SYSTEM AND AUTOMATED QUEUE (Machine translation)

Abstract: Source: BR102016019140A [PT] RESUMO "SISTEMA DE CONTROLE DE ACESSO E FILA AUTOMATIZADO"

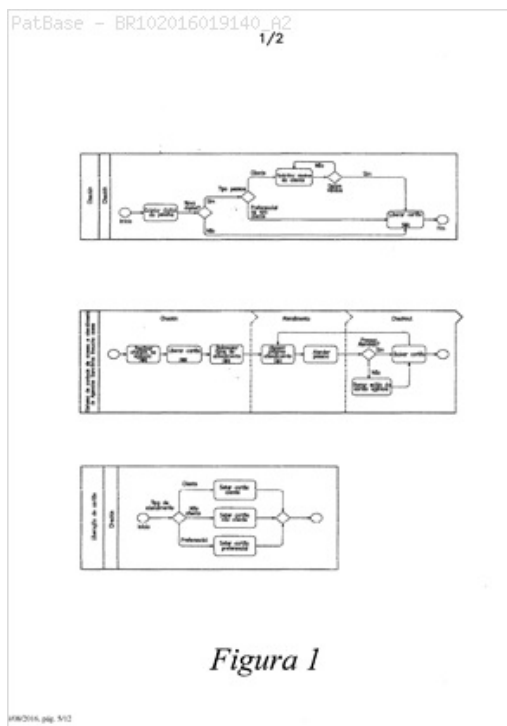
Compreende o presente relatório descritivo a Patente de Invenção a uma máquina que conjuga um terminal de atendimento e fornecimento de cartão digital a um sistema de controle de acesso e atendimento, de forma que qualquer pessoa se cadastra neste sistema e, através do cartão digital, passa a fazer parte de uma fila de espera. O dito sistema constituído basicamente de: -Terminal touchscreen composto de tela de cadastro e identificação (1), leitor biométrico digital (2), dispositivo de liberação do cartão digital (3); - Monitor de indicação sequencial da fila (4); - Leitor do cartão digital (5); - software de checkout (6); - software de gerenciamento (7); e ainda tem características como: ss identificar, de maneira rápida e fácil, os clientes a serem atendidos; - otimizar o atendimento para que este cumpra as legislações vigentes; - clientes terem acesso amplo de atendimento, porém, em um único acesso a senha de atendimento; - controle efetivo na distribuição de senhas de atendimento; - bloqueio da evasão de senhas para fora das agências; - disponibilizar estatísticas de atendimentos; - balancear atendimentos entre os vários tipos de clientes (clientes, não clientes, preferenciais).

18/08/2016, pag. 12/12 **Machine translation:** Access CONTROL SYSTEM AND AUTOMATED QUEUE" comprises the present specification the invention relates to a machine that combines an assisted service terminal and providing digital card to an access-control system and service, such that anyone to registering in this system and, through the digital card becomes part from a queue. Said system comprised primarily of: -touchscreen Terminal registration screen and identification (1 compound), biometric reader digital (2), (3) digital card release device; (4) Monitor the queue sequential indication; - card reader (5); - checkout digital software management software (7 6); -); and further has such characteristics as: ss identify

customers to quickly and easily to be serviced; - optimize care for it complies the laws in force; - customers have broad access, however, in a single access to the password; - effective control in distributing passwords; - barring of avoidance of passwords for agencies outside; - to make statistics of visits; Handles balance among the various types of clients (customers, non-customers, preferred). : 08/18/2016, pp. 12/12

Classifications:

International (IPC 8-9): G06F15/02 G06F15/0225 G06Q10/02 G06Q10/10 G06Q10/109 G07C11/00 G07C9/00 (Advanced/Invention)
CPC: G06F15/0225 G06Q10/02 G06Q10/109 G07C9/00 G07C11/00



Family:

Publication number	Publication date	Application number	Application date
BR102016019140 A2	20180306	BR20161019140	20160818

Priority:

BR20161019140 20160818

Probable Assignee:

CLAUDIO MARCIO DA SILVA

Assignee(s): (std):

CLAUDIO MARCIO DA SILVA

Inventor(s): (std):

CLAUDIO MARCIO DA SILVA

23) Family number: 75434908 (US2019244450A)

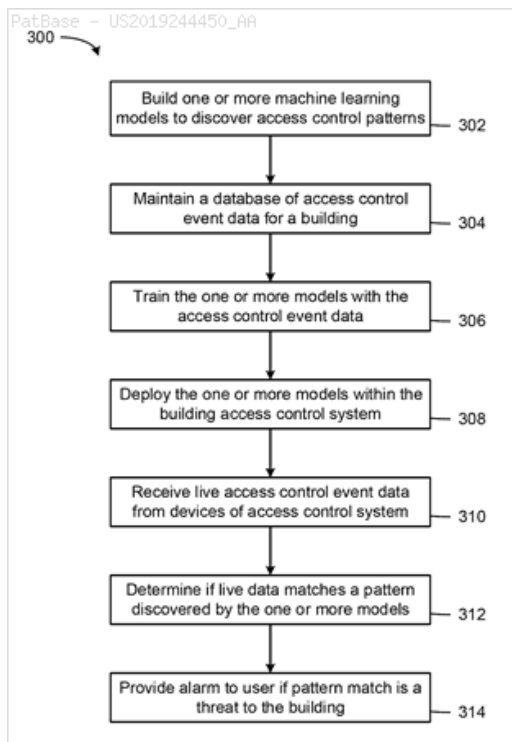
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Title: BUILDING ACCESS CONTROL SYSTEM WITH COMPLEX EVENT PROCESSING

Abstract: A method for controlling access to at least a portion of a building includes providing a temporal model identifying relationships between a first set of access control events based on times at which the first set of access control events occurred, providing a spatial model identifying relationships between a second set of access control events based on locations associated with the second set of access control events, providing a user model identifying patterns of user behavior based on a third set of access control events, receiving a fourth set of access control events comprising time data, and location data, and user data associated with the access control events, and determining whether to generate alarms responsive to receiving the fourth set of access control events using the temporal model, the spatial model, and the user model.

Classifications:

International (IPC 8-9): G06N20/00 G07C9/00 G08B13/04 G08B13/08 G08B19/00 G08B21/22 G08B25/00 G08B29/16 G08B29/18 (Advanced/Invention)
CPC: G08B13/08 G08B19/00 G08B21/22 G08B29/186 G08B31/00 G07C9/00 G06N20/00 G08B13/04 G08B25/001 G08B29/16 G08B29/185 G07C9/27



Family:

Publication number	Publication date	Application number	Application date
US2019244450 AA	20190808	US20190269472	20190206
US2019244492 AA	20190808	US20190269437	20190206
WO19157100 A1	20190815	WO2019US16919	20190206

Priority:

US20180627677P 20180207 US20180627696P 20180207 US20180628164P 20180208
 US20190269472 20190206 US20190269437 20190206

Probable Assignee: JOHNSON CONTROLS TECH CO

Assignee(s): (std): JOHNSON CONTROLS TECH CO

Assignee(s): JOHNSON CONTROLS TECHNOLOGY CO

Inventor(s): (std): HORGAN DONAGH S ; HOLLIDAY JAN R ; O TOOLE EAMONN

Agent(s): BELDEN BRETT ET AL

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

24) Family number: 76109302 (KR20190114143A)

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Title: VISITOR CERTIFICATION AND CONTROL SYSTEM BASED ON BODY AREA NETWORK AND METHOD THEREOF

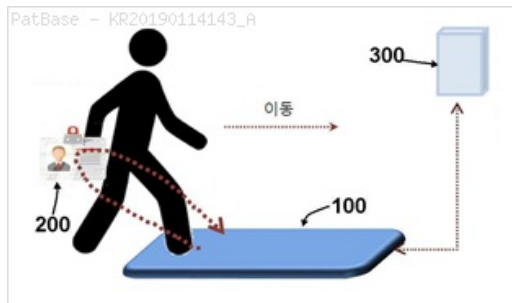
Abstract: Source: KR102041926B **Machine translation:** In the present invention, the human body communication attempts out of the entrant authentication based on the access control method according to the electric field of the electric field the new leader like scaffolding new module step is converted to the wake-up mode, the electric field is an electric field signal credit for the scaffolding readers, badge, badge, transmit, so as to switch to the wake-up mode, badge, comprising the steps of: before the electric field system comprising the steps of: transmitting new scaffold-like, grid-shaped, badge readers in new foothold for encryption and requesting a random number generated by the random number generation response signal, passes the grid and the step of transmitting new scaffold-type electric field shin scaffold-type reader is authenticated, and encrypted session key and the step of requesting the creation of a badge, badge, a session key generation response signal into an system comprising the steps of: transmitting new scaffold-like, grid-type reader ID and biometric information new foothold badge, badge and requesting the biometric information stored in the ID and the random number, and the session key for use in encryption, comprising the steps of: before the encrypted ID and biometric information, badges, leader like new foothold grid, the grid comprising the steps of: transmitting new As the biometric reader footrest type reader transmits a request signal to the wake-up mode, biometric authentication rudder step is converted to the wake-up mode, and the wake-up signal to the biometric reader new leader like former system response and transmitting the scaffolding, scaffolding shin type of leader, is encrypted prior system ID and biometric information to the biometric authentication, comprising the steps of: transmitting the ID and biometric information to the biometric reader, comprising the steps of: decoding attempt#39;s biometric information biometric reader is not allowed, and a step of receiving the biometric information and the biometric reader is receiving the decoding, and comparing the biometric information is the case of the door to release the locking, the step of allowing access it characterized in that it comprises a.

Classifications:

International (IPC 8-9): G07C9/00 (Advanced/Invention)

CPC: G07C9/00309 G07C9/00015 G07C9/00031 G07C9/00111

G07C9/00563 G07C2009/00412 G07C2009/0042 G07C2009/00769



Family:

Publication number	Publication date	Application number	Application date
■ KR102041926 B1	20191107	KR20180036359	20180329
■ KR20190114143 A	20191010	KR20180036359	20180329

Priority:

KR20180036359 20180329

Probable Assignee:

S 1 CORP

Assignee(s): (std):

S 1 CORP

Inventor(s): (std):

HEEJEONG YOUN

25) Family number: 76830755 (KR20190136178A)

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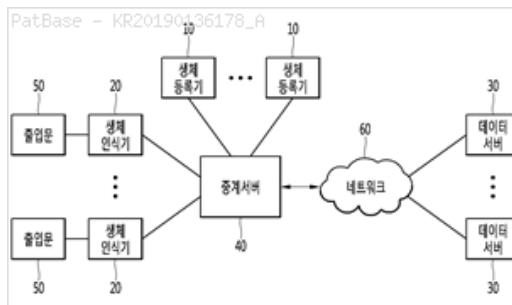
Title: SYSTEM AND METHOD FOR CONTROLLING A DOOR BASED ON BIOMETRIC RECOGNITION

Abstract: Source: KR20190136178A **Machine translation:** The present invention has been made to solve the problems of the prior art, the registered biometric information, the biometric to enable interworking network based on the door control system and method. Presented system, transmitted to the visitor while the biometric information of the relay server and the relay server from the biometric information authentication request based on the authentication result of the biometric reader which outputs a control signal to drive the door, and the enrollee template corresponding to the feature point of the biometric data and the data on the basis of the template comprises a hash value results to generate a block of the block, a plurality of data servers to configure the network to share the distributed storage and visitors to the biometric information authentication request in response to receiving the biometric information for authentication of the visitor, a plurality of data servers, and the plurality of data servers to request based on the authentication result of the authentication of the visitor to generate a final result includes a relay server, and transmits the biometric reader.

Classifications:

International (IPC 8-9): G06F21/32 G07C9/00 (Advanced/Invention)

CPC: G07C9/00158 G06F21/32 G07C9/00166 G07C9/00563 G07C9/00571



Family:

Publication number	Publication date	Application number	Application date
■ KR20190136178 A	20191210	KR20180061508	20180530

Priority:

KR20180061508 20180530

Probable Assignee:

CO V

Assignee(s):

CO V

26) Family number: 76830763 (KR20190136179A)

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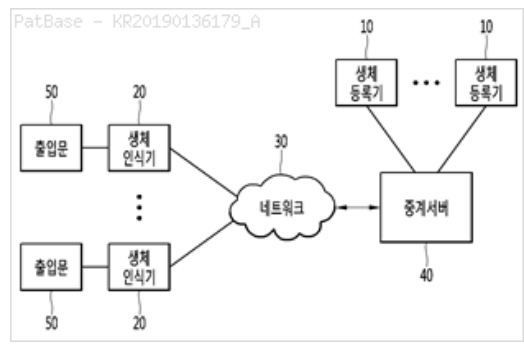
Title: SYSTEM AND METHOD FOR CONTROLLING A DOOR BASED ON BIOMETRIC RECOGNITION

Abstract: Source: KR20190136179A **Machine translation:** To enable interworking network of registered biometric information The biometric recognition based on the door control system and method. The registrant's biometric feature points presented system corresponding result data and template data as a basis to generate a predicted block including the hash value, and generates the block to make in the form of a chain biometric DB a biometric reader chaining and distributed storage to configure the network, and the visitor of the relay server based on a result of the biometric information to generate a hash value with the hash value of the results in the form of a visitor DB on the basis of the chaining and authenticate the biometric authentication result based on the visitor door drive includes a biometric reader for outputting a control signal.

Classifications:

International (IPC 8-9): G06F21/32 G07C9/00 (Advanced/Invention)

CPC: G07C9/00158 G06F21/32 G07C9/00166 G07C9/00563 G07C9/00571



Family:

Publication number	Publication date	Application number	Application date
■ KR20190136179 A	20191210	KR20180061509	20180530

Priority:

KR20180061509 20180530

Probable Assignee:

CO V

Assignee(s):

CO V