

1) Family number: 34970962 (US2007185631A)

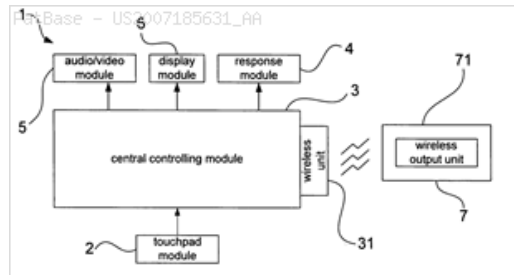
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Title: MULTI-FUNCTIONAL TOUCHPAD CONTROLLER FOR AUTOMOBILE

Abstract: Source: US2007185631A [EN] A touchpad has a smart man-machine interface. Through a computer system in an automobile, the smart man-machine interface controls systems and multimedia equipments in the automobile, such as an air conditioner and an audio/video player. The interface provides several control modes, such as to control with a keypad, with a writing pad or with a mouse. And the computer system can be connected with a few sets of the touchpad and a display through wire lines or wireless connections.

Classifications:

International (IPC 8-9): B60R11/02 B60R25/00 G06F17/00 G06F3/033 (Advanced/Invention)
CPC: B60K37/06 B60K2350/1024 B60K2350/928 B60R25/00 G01C21/3664
European: B60K37/06 B60R25/00 G01C21/36K L60K350/10J5 L60K350/92L5
US: 701/1 701/1S 701/36 701/36P



Family:

Publication number	Publication date	Application number	Application date
TW200730381 A	20070816	TW20060104305	20060209
TWI294375 B	20080311	TW20060104305	20060209
US2007185631 AA	20070809	US20060448847	20060608

Priority:

TW20060104305 20060209

Probable Assignee:

ELAN MICROELECTRONICS CORP

Assignee(s): (std):

ELAN MICROELECTRONICS CORP

Inventor(s): (std):

YANG TSO CHIEH ; YEH I HAU

Agent(s):

TROXELL LAW OFFICE PLLC

2) Family number: 33100836 (US2006145825A)

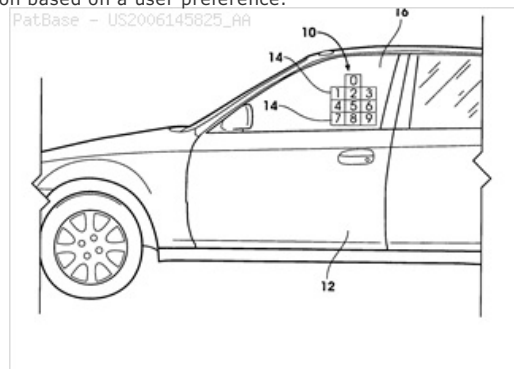
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Title: VIRTUAL KEYPAD FOR VEHICLE ENTRY CONTROL

Abstract: Source: US2006145825A [EN] Method and apparatus are provided for vehicle entry control using an imaged keypad. The apparatus includes a virtual interface for entry control of a vehicle having an imaging surface that defines a field of view. The interface includes a projected keypad image on the imaging surface having at least one image of a reconfigurable key within the field of view and a gesture detector and translator having a scope of operation within the field of view. The image of the reconfigurable key may have a configuration based on a user preference.

Classifications:

International (IPC 8-9): B60Q1/00 B60R25/00 B60R25/10 (Advanced/Invention); B60Q1/00 B60R25/00 B60R25/10 (Core/Invention)
CPC: E05F15/00 B60R25/305 B60R25/2045 E05Y2400/86 G07C9/00698 E05Y2900/531 E05Y2600/46 E05Y2400/82 E05Y2400/852 E05Y2800/00 E05Y2800/106 E05Y2800/426 E05F2015/767
European: B60R25/20F B60R25/20J B60R25/30D P05Y400/852 P05Y400/86 S07C9/00E12C6
US: 340/425.5 340/426.35 340/426.350P 340/5.2 341/22 345/7 382/115



Family:

Publication number	Publication date	Application number	Application date
DE102006000777 A1	20060713	DE200610000777	20060104
DE102006000777 B4	20080619	DE200610000777	20060104
US2006145825 AA	20060706	US20050030357	20050105
US7248151 BB	20070724	US20050030357	20050105

Priority:

US20050030357 20050105

Probable Assignee: GM GLOBAL TECHNOLOGY OPERATIONS LLC

Assignee(s): (std): MC CALL CLARK E ; GEN MOTORS CORP ; MCCALL CLARK E

Assignee(s): GM GLOBAL TECHNOLOGY OPERATIONS LLC ; GENERAL MOTORS CORP DETROIT ; GENERAL MOTORS CORP ; UNITED STATES DEPARTMENT OF TREASURY ; GM GLOBAL TECHNOLOGY OPERATIONS INC ; UAW RETIREE MEDICAL BENEFITS TRUST ; WILMINGTON TRUST CO ; CITICORP USA INC ; CITICORP USA INC AGENT FOR BANK PRIORITY SECURED P ; CITICORP USA INC AGENT FOR BANK PRIORITY SECURED PARTIES AS ; CITICORP USA INC AGENT FOR HEDGE PRIORITY SECURED ; CITICORP USA INC AGENT FOR HEDGE PRIORITY SECURED PARTIES AS

Inventor(s): (std): MCCALL CLARK E ; MC CALL CLARK E

Inventor(s): MC CALL CLARK

Agent(s): CHRISTOPHER DEVRIES GENERAL MOTORS CORP; TIMOTHY J

3) Family number: 13173826 (GB2284084A)

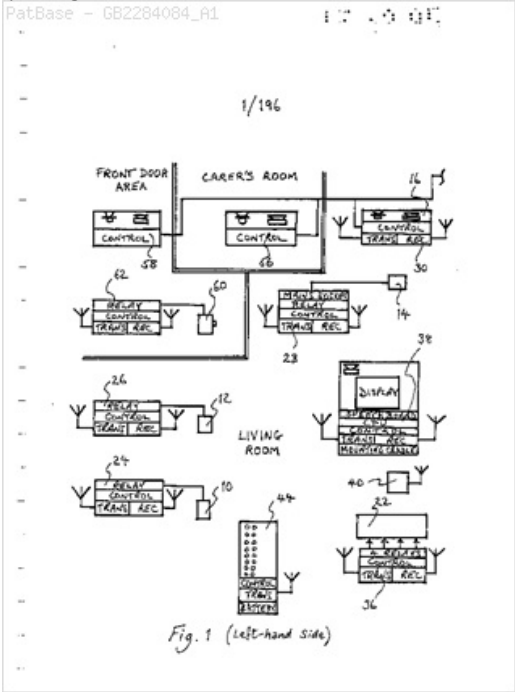
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Title: Control apparatus, especially but not exclusively for a disabled person

Abstract: Source: GB2284084A [EN] Control apparatus especially but not exclusively for a disabled person, comprising a plurality of appliance switches or a plurality of other appliance control devices (22 to 36) provided with respective different address codes in respective memory locations, in which the latter are connected to respective comparison means, which are in turn connected to respective radio signal receivers. The code of any received coded radio signal is compared with the address codes of all the devices, and a radio signal which comprises the address code of one of the control devices will activate that device but not any of the others. The apparatus further comprises a control unit having a radio signal transmitter which is capable of transmitting any selected one of a plurality of coded radio signals respectively comprising the address codes of the said plurality of devices and a selector which serves to enable the user to selectively transmit, from the control unit, one of the coded radio signals so as to activate the corresponding selected device.

Classifications:

International (ipc 8-9): H04Q9/14 (Advanced/Invention);
H04Q9/14 (Core/Invention)
International (ipc 1-7): G08C17/02 H04Q9/14
CPC: H04Q9/14
European: H04Q9/14



Family:

Publication number	Publication date	Application number	Application date
GB2284084 A1	19950524	GB19940023054	19941115
GB2284084 B2	19980225	GB19940023054	19941115
GB9323534 A0	19940105	GB19930023534	19931115
GB9402875 A0	19940406	GB19940002875	19940215
GB9423054 A0	19950104	GB19940023054	19941115

Priority:

GB19930023534 19931115 GB19940002875 19940215

Probable Assignee: STEEPER HUGH LTD

Assignee(s): (std): STEEPER HUGH LTD

Assignee(s): HUGH STEEPER LIMITED

Inventor(s): (std): AHMED M ; DACHS A ; HAWKINS D ; HOLDER S ; NEAL M

Inventor(s): S HOLDER ; M AHMED ; M NEAL ; D HAWKINS ; A DACHS

4) Family number: 44233663 (US2010040120A)

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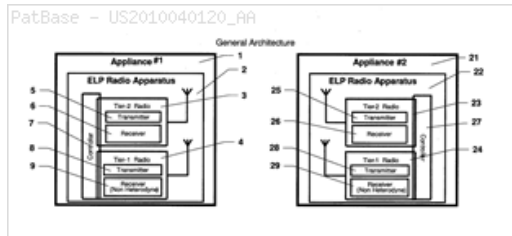
Title: LOW POWER RADIO COMMUNICATION SYSTEM

Abstract: Source: US2010040120A [EN] A method significantly reduces the average power for radio communication in a communication system, such as a system that has applications requiring low communication latency. The method may use a low power radio communication circuit (e.g., a non-heterodyne receiver) to wait for a communication request, taking advantage of the low power consumption of the radio communication circuit. Subsequent to receiving and validating the communication request, the communication system may switch to a more efficient-but higher power-communication circuit. Thus, effective communication is achieved without making undesirable tradeoffs, such as reduced sensitivity.

Classifications:

International (ipc 8-9): G01D1/04 G01R19/00 G07C9/00 H04B1/46
H04B1/38 H04B1/40 H04B1/401 H04B5/00 H04M1/02 H04W52/00

H04W52/02 (Advanced/Invention);
H04W52/02 (Advanced/Non-invention);
G01R19/00 H04B1/16 H04B1/38 H04B1/40 (Core/Invention)
CPC: H04B1/1615 H04W52/0261 G07C9/00174 G06F21/6218
G06F2221/2137 G06F21/60 H04B5/0062 H04B1/401 H04B1/16
H04W52/02 H04W52/0229 H04W52/0235 Y02D70/22 Y02D70/00
European: H04W52/02E2 H04W52/02T4A
US: 1/1 324/123.00RS 324/123R 340/5.28 375/219 375/219P
375/220 375/259 375/316 375/340 375/345 455/341 455/341S
455/574 455/73 455/73S



Family:

Publication number	Publication date	Application number	Application date
CA2729910 AA	20110104	CA20092729910	20090709
GB201102155 A0	20110323	GB20110002155	20090709
GB2475809 A1	20110601	GB20110002155	20090709
GB2475809 B2	20120912	GB20110002155	20090709
IN00083CN2011 A	20110923	IN2011CN00083	20110105
JP2011527873 T2	20111104	JP20110517638T	20090709
US2010040120 AA	20100218	US20090500587	20090709
US2013195209 AA	20130801	US20130747362	20130122
US2014376602 AA	20141225	US20140483993	20140911
US2016100368 AA	20160407	US20140444949	20140728
US2016307383 AA	20161020	US20160006993	20160126
US2017338848 AA	20171123	US20170473224	20170329
US8472507 BB	20130625	US20090500587	20090709
US8861576 BB	20141014	US20130747362	20130122
US9300351 BB	20160329	US20140483993	20140911
US9642089 BB	20170502	US20140444949	20140728
WO10006221 A2	20100114	WO2009US50180	20090709
WO10006221 A3	20100415	WO2009US50180	20090709

Priority:

US20080079435P 20080709	US20090500587 20090709	US20110340520 20111229
US20100428155P 20101229	US20110565450P 20111130	US20120611575P 20120316
US20130747362 20130122	US20140483993 20140911	US20140444949 20140728
US20120691626 20121130	US20130843757 20130315	US20130841079 20130315
US20130858821P 20130726	US20120611577P 20120316	WO2009US50180 20090709
US20160006993 20160126	US20170473224 20170329	

Probable Assignee: SECUREALL CORP

Assignee(s): (std): SECUREALL CORP ; SHARMA ARUN KUMAR

Inventor(s): (std): SHARMA ARUN KUMAR ; WURM MICHAEL ; TRAMPE OSCAR ; SOLLETI RANADHEER ; SETTY PRAJAKTA ; SCHAFFZIN RICHARD

Inventor(s): ARUN KUMAR SHARMA

Agent(s): SMART AND BIGGAR; HAYNES AND BOONE LLP IP SECTION; HAYNES AND BOONE LLP; KWOK EDWARD C

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 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 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

5) Family number: 34444371 (US2009219039A)

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Title: METHOD AND CIRCUIT FOR DETECTING THE PRESENCE, POSITION AND/OR APPROACH OF AN OBJECT IN RELATIVE TO AT LEAST ONE ELECTRODE

Abstract: Source: US2009219039A [EN] A circuit for detecting the presence, position or the approach of an object in an observation area, the circuit has a sensor electrode assembly with an electrode that forms part of a capacitor system whose capacitance relative to a reference potential (e.g. ground) is dependent on the presence, position or approach of objects in the observation area. An evaluation circuit coupled to the sensor electrode detects a phase shift of the capacitance of the condenser system. An LC network is coupled to the capacitor system, and an oscillator connected to the electrode applies a frequency to the system formed by including the electrode and the LC network at a frequency within the range of a parallel resonance frequency of the LC network.

Classifications:

International (IPC 8-9): G01B7/00 G01N27/00 G01R27/26 G01V3/08

G01V3/12 H03K17/955 (Advanced/Invention);

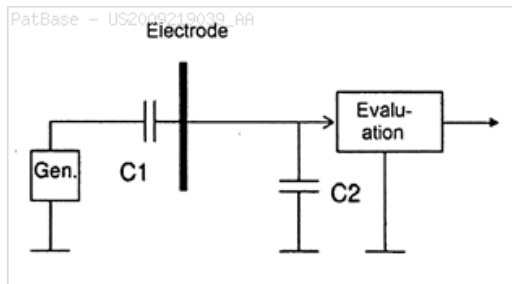
G01B7/00 G01N27/00 G01R27/26 G01V3/08 G01V3/12

H03K17/94 (Core/Invention)

CPC: H03K17/955 H03K2217/960775 Y02A90/342 G01V3/088

European: G01V3/08H H03K17/955 T03K217/9607D7

US: 324/662 324/663 324/682 324/682P 324/683 324/683S



Family:

Publication number	Publication date	Application number	Application date
AT457551 E	20100215	AT20060818321T	20061030
DE102006051178 A1	20070503	DE200610051178	20061030
DE102006051184 A1	20070503	DE200610051184	20061030
DE102007026307 A1	20080207	DE200710026307	20070606

DE112006002827 A5	20080925	DE200611002827T	20061030
DE112006002828 A5	20080925	DE200611002828T	20061030
DE502006006125 D1	20100325	DE200650006125T	20061030
EP1943734 A1	20080716	EP20060818321	20061030
EP1943734 B1	20100210	EP20060818321	20061030
ES2340803 T3	20100609	ES20060818321T	20061030
JP2009513961 T2	20090402	JP20080537016T	20061030
JP4908516 B2	20120404	JP20080537016T	20061030
US2009219039 AA	20090903	US20060091769	20061030
US7969166 BB	20110628	US20060091769	20061030
WO07048639 A1	20070503	WO2006EP10429	20061030
WO07048640 A1	20070503	WO2006EP10430	20061030
WO08022785 A2	20080228	WO2007EP07397	20070822
WO08022785 A3	20090305	WO2007EP07397	20070822

Priority:

DE200510051834	20051028	DE200610026192	20060606	DE200610039650	20060824
DE200610051184	20061030	DE200610051178	20061030	DE200610039650	20060823
WO2006EP10429	20061030	WO2006EP10430	20061030	DE200710026307	20070606

Probable Assignee: MICROCHIP TECHNOLOGY GERMANY GMBH

Assignee(s): (std): FASSHAUER PETER ; IDENT TECHNOLOGY AG

Assignee(s): MICROCHIP TECHNOLOGY GERMANY GMBH

Inventor(s): (std): FASSHAUER PETER

Agent(s): BECK AND ROESSIG EUROPEAN PATENT ATTORNEYS; KF ROSS PC; ANDREW; ROESSIG ROLF

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 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 SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

6) Family number: 33026662 (US2008204117A)

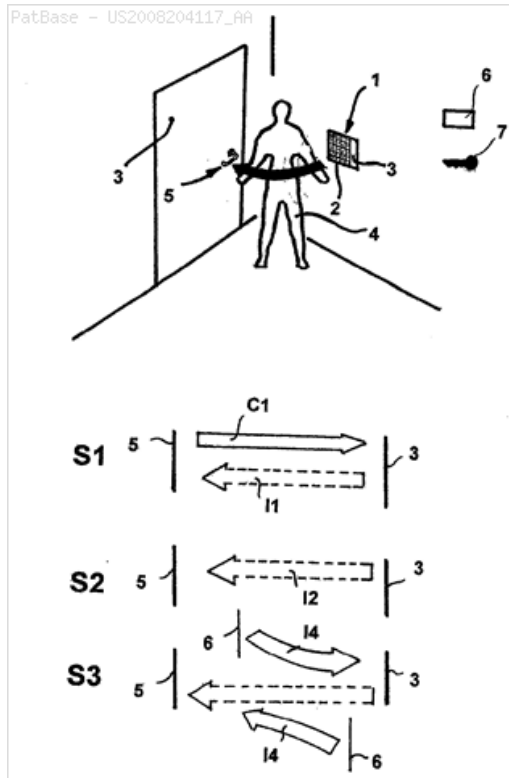
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Title: ELECTRICAL CIRCUIT ARRANGEMENT

Abstract: Source: US2008204117A [EN] The invention relates to an electrical circuit arrangement for generating signal events for initiating or carrying out switching, adjusting or releasing processes. According to the first invention aspect, the inventive electric circuit arrangement comprises an input component for carrying out a selection process for generating an input event and a switching component for generating a switching signal according to the input event evaluation, wherein said input component is constructed in such a way that, in framework of said selection process, the input event is injected into the user actuating the switching component on the base of the interactive effect of electric fields and said switching component is provided with an interface device for detecting the input event injected into the user or acting therein, the input component and the interface device are placed in the operating position in such a way that the signal transmission therebetween is carried out in a signal transmission path integrating the user when it actuates the input component, thereby making it advantageously possible to transmit the user input operation indicative signals to the switching component through said user, wherein said transmission can be carried out only when the user actually initiates an input and thereby can be used in the form of a signal transmitting medium.

Classifications:

International (IPC 8-9): B60R16/02 H03K17/96 H04B13/02 H04B5/00 (Advanced/Invention); B60R16/02 H03K17/94 H04B13/00 H04B5/00 (Core/Invention)
CPC: H04B13/005 H04B5/02 B60R21/01532 G07C9/00309 B60R25/2027 B60R2021/01088 G01D5/2013 G01D5/24 G01D5/2405 G07C9/00158 G07C9/00182 G07C2009/00777 G07C2209/65 H03K17/962 H03K2217/96066 B60R21/0154
European: B60R21/015 B60R25/20F G01D5/20B1 G01D5/24 G01D5/24F G07C9/00E2 G07C9/00E4 H03K17/96C H04B13/00B H04B5/02 L60R21/015G6B L60R21/01L6A S07C209/65 S07C9/00C2D S07C9/00E14C2 T03K217/960Z
US: 327/517



Family:

Publication number	Publication date	Application number	Application date
AT471604 E	20100715	AT20060706970T	20060215
DE102006007036 A1	20070628	DE200610007036	20060215

DE202006001837 U1	20060420	DE200620001837U	20060206
DE502006007227 D1	20100729	DE200650007227T	20060215
EP1854232 A1	20071114	EP20060706970	20060215
EP1854232 B1	20100616	EP20060706970	20060215
JP2008529889 T2	20080807	JP20070555524T	20060215
JP4705117 B2	20110622	JP20070555524T	20060215
US2008204117 AA	20080828	US20060816320	20060215
WO6094606 A1	20060914	WO2006EP01368	20060215

Priority:

DE200520002403U 20050215 DE200610007036 20060215 WO2006EP01368 20060215
DE200620001837U 20060206

Probable Assignee: IDENT TECHNOLOGY AG

Assignee(s): (std): IDENT TECHNOLOGY AG ; RICHTER WOLFGANG

Inventor(s): (std): RICHTER WOLFGANG

Agent(s): ROESSIG ROLF; KATTEN MUCHIN ROSENMAN LLP

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 KN KP KR KZ LC LI 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

7) Family number: 43439539 (KR20090005990U)

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Title: DOOR LOCK WITH TOUCH PAD

Abstract: Source: KR200445519Y **Machine translation:** This is aimed at simplifying the configuration of the touchpad Assembly and disassembly is easier and a little touch pad door lock broken. Complex, as well as that of the conventional touchpad structure manufacturing is not the unit price is expensive and Assembly and disassembly is easy to solve this problem, which is this outer body and inner body composed of door lock, above the outer body (100) occur in the outside hand signals entered by static electricity is being equipped with the touch pad (12), above the touch pad (12) in the back of the circuit board (30) led (31) toward the front of the light emission from diffuse spread of Edition so photoluminescent material (40) this is combined Above, the spread plate (40) is a static circuit board (30) to combine multiple recognition button (50) can be inserted into the medial is perforated and revenge (41) and, as mentioned above, and the Government (41) is formed on the inside of the insertion tube (42) and, as mentioned above, besides the aspect of the insertion tube (42) and Government (41) was formed between the inside surface of the Jam (43) to be configured, including the touch pad the doorlock. thus, according to this, the outer body (100) is installed on the recognition of the touch pad button (50) combined with photoluminescent material offers an all-in-one spread Edition (40), the configuration of the touchpad Assembly and disassembly is dansunhaejyeo by becoming even more easier, the unit price will be minimized, as well as a manufacturing malfunction that could reduce effects. Keywords touch pad, keypad, door lock, diffusion plate, light guide Panel

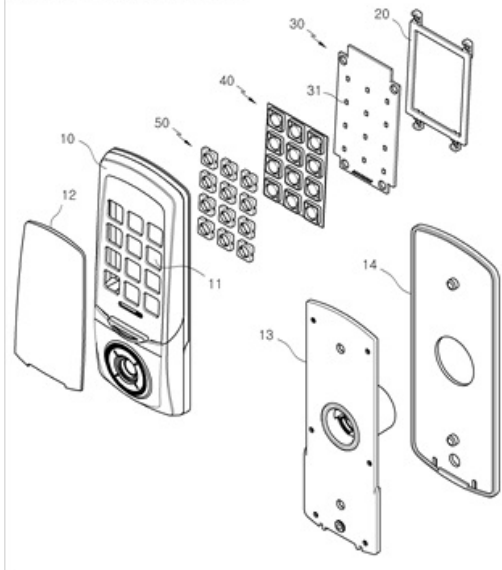
Classifications:

International (IPC 8-9): E05B47/00 E05B49/00 (Advanced/Invention);

E05B47/00 E05B49/00 (Core/Invention)

CPC: E05B49/00 H03K17/9618 H03K2217/96042

PatBase - KR20090005990_U



Family:

Publication number	Publication date	Application number	Application date
KR200445519 Y1	20090806	KR20070020051U	20071213
KR20090005990 U	20090617	KR20070020051U	20071213

Priority:

KR20070020051U 20071213

Probable Assignee:

NOTE EBEONET

Assignee(s):

NOTE EBEONET

8) Family number: 60731274 (US2016178461A)

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Title: TOUCH PAD USING PIEZO EFFECT

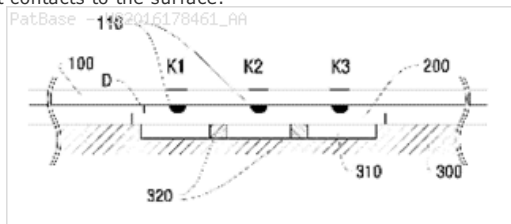
Abstract: Source: US2016178461A [EN] Disclosed is a touch pad using the piezo effect, including a touch pad equipped with touch keys; a piezo film that attaches to the bottom surface of the touch pad and radiates ultrasonic waves; and a control section that recognizes touches a user executes by analyzing the electric displacement of the piezo film and ultrasonic impedance reflected by the touch pad surface and a touch object that contacts to the surface.

Classifications:

International (IPC 8-9): G01L1/16 G06F21/83 G06F3/02 G06F3/041 G06F3/043 G06F3/044 G06F3/0488 H03K17/96 (Advanced/Invention); G06F3/041 G06F3/043 (Advanced/Non-invention)

CPC: G06F3/0488 G06F21/83 G06F3/0416 H03K17/9643 H03K2217/96007 H03K2217/96015 G06F3/044 G06F3/0418 G06F3/04883 G06F3/0202 G06F3/041 G06F3/03547 G06F3/0436 G06F3/0485 G06F2203/04104 G06F2203/04806

US: 345/168



Family:

Publication number	Publication date	Application number	Application date
■ CN105718101 A	20160629	CN201510459652	20150730
■ EP3043474 A2	20160713	EP20150198527	20151208
■ EP3043474 A3	20161005	EP20150198527	20151208
■ JP2016119083 A2	20160630	JP20150240147	20151209
■ JP6068609 B2	20170125	JP20150240147	20151209
■ KR101566148 B1	20151105	KR20150048242	20150406
■ KR101602601 B1	20160310	KR20150048240	20150406
■ KR101619705 B1	20160512	KR20150057797	20150424
■ KR101641026 B1	20160719	KR20150119405	20150825
■ KR101676539 B1	20161115	KR20140184304	20141219
■ KR101724842 B1	20170407	KR20150066535	20150513
■ KR20160074978 A	20160629	KR20140184304	20141219
■ KR20160133691 A	20161123	KR20150066535	20150513
■ US2016178461 AA	20160623	US20150810570	20150728
■ US9569007 BB	20170214	US20150810570	20150728

Priority:

JP20150240147 20151209 KR20140184304 20141219 KR20150048242 20150406
 KR20150048240 20150406 KR20150057797 20150424 KR20150066535 20150513
 KR201501115068 20150815 KR20150119405 20150825

Probable Assignee: WUJUNGHIGHTECH CO LTD

Assignee(s): (std): UJYON HITECH CO LTD ; WUJUNG HIGHTECH CO LTD ; WUJUNGHIGHTECH CO LTD

Assignee(s): HITECH CO LTD FRIENDSHIP ; WUJUNGHIGHTECH CO ; WUJUNG HIGHTECH CO

Inventor(s): (std): HONG SUNG UK ; KIM SOO HO ; SOO HO KIM ; SUNG UK HONG

Agent(s): SPENGLER ROBERT; PARATUS LAW GROUP PLLC

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

9) Family number: 65137108 (US2017151929A)

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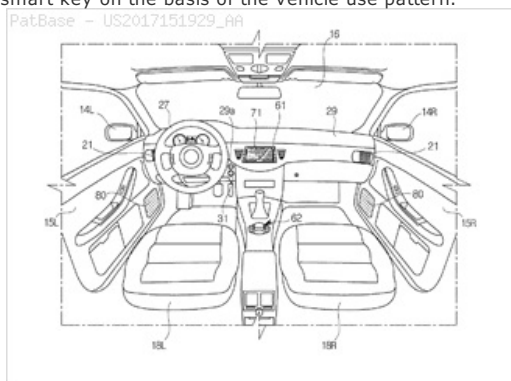
Title: VEHICLE AND METHOD FOR CONTROLLING THE VEHICLE

Abstract: Source: US2017151929A [EN] A vehicle including a user command reception unit for receiving a user command, a pattern decision unit for determining a vehicle use pattern on the basis of a reception time of the user command, and a low frequency (LF) transmission unit for transmitting a search signal of a smart key on the basis of the vehicle use pattern.

Classifications:

International (IPC 8-9): B60R25/022 B60R25/102 B60R25/20 B60R25/24 G05B19/00 (Advanced/Invention); H04L29/08 (Advanced/Non-invention)

CPC: B60R25/245 B60R25/102 B60R25/241 B60R25/2018 B60R25/022 B60R25/209 H04L67/12 B60R2325/10 B60R25/24 H04W4/046



Family:

Publication number	Publication date	Application number	Application date
■ DE102016220303 A1	20170601	DE201610220303	20161018
■ KR101714467 B1	20170309	KR20150169818	20151201
■ US2017151929 AA	20170601	US20160265019	20160914
■ US9902367 BB	20180227	US20160265019	20160914

Priority:

KR20150169818 20151201

Probable Assignee: HYUNDAI MOTOR CO

Assignee(s): (std): HYUNDAI MOTOR CO ; HYUNDAI MOTOR CO LTD

Assignee(s): HYUNDAI MOTOR COMPANY

Inventor(s): (std): LEE SEOK HAN ; LEE SEOKHAN
Agent(s): MCDERMOTT WILL AND EMERY LLP

10) Family number: 57408675 (US2016002959A)

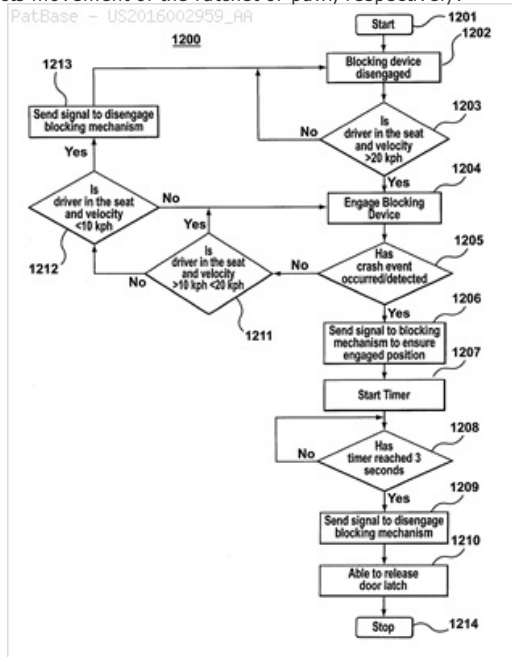
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Title: PROACTIVE SAFETY METHODS, DEVICES AND SYSTEMS, AND SAFETY METHODS AND DEVICES FOR BLOCKING OPERATION OF LATCHES FOR OCCUPANT INGRESS AND EGRESS CLOSURE PANELS

Abstract: Source: US2016002959A [EN] A method for controlling a blocking component for a latch of a closure panel of a vehicle, the latch having latch components including a ratchet and pawl, the method comprising: determining whether an occupant is in the vehicle and whether a speed of the vehicle is above a first threshold; and blocking release of the latch by positioning the blocking component whenever the occupant is in the vehicle and the speed is above the first threshold, automatically without occupant intervention, into a blocking position adjacent to at least one of the latch components to restrict movement of the at least one of the latch components which movement would cause the latch to open, wherein the blocking position is adjacent either the ratchet or the pawl, and restricts movement of the ratchet or pawl, respectively.

Classifications:

International (IPC 8-9): B60R25/01 B60R25/32 E05B77/04
E05B77/12 E05B77/54 E05B81/56 E05B81/64
E05C19/02 (Advanced/Invention)
CPC: E05C19/02 E05B81/56 B60R25/01 B60R25/32 E05B77/54
E05B77/12 E05B81/64 E05B81/14
US: 292/92 701/46



Family:

Publication number	Publication date	Application number	Application date
CN105121765 A	20151202	CN201480015765	20140314
DE112014001398 T5	20151203	DE201411001398T	20140314
US2016002959 AA	20160107	US20150854379	20150915
WO14138911 A1	20140918	WO2014CA00242	20140314

Priority:

US20130794542P 20130315 US20130818899P 20130502 WO2014CA00242 20140314
US20150854379 20150915

Probable Assignee: MAGNA CLOSURES INC

Assignee(s): (std): MAGNA CLOSURES INC

Inventor(s): (std): JAVADZADEH HOUMAN H ; RAHMAN RAFATH ; STOOF FRANK ; TUDORA SPIRIDON SORIN S ; WOO KAR WANG ; WOO LEWIS

Agent(s): GOWLING LAFLEUR HENDERSON LLP

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 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

11) Family number: 63680610 (IN01009MU2015A)

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Title: A STANDARDIZED METHOD AND INTEGRATED SYSTEM FOR DEVICE-INDEPENDENT BIOMETRIC AUTHENTICATION OF USERS

Abstract: Source: IN01009MU2015A [EN] A SIM-based, device-independent method and integrated system for accurate biometric authentication of users intending to electronically authorize secure functions via an electronic device is disclosed herein which provides secure, tamperproof distributable implementation while ameliorating vulnerabilities associated with conventional amalgamations of biometric authentication technologies for authorization of remote secure functions.

Classifications:

International (IPC 8-9): G06K9/00 G09G5/00 (Advanced/Invention)

Family:

Publication number	Publication date	Application number	Application date
IN01009MU2015 A	20160930	IN2015MU01009	20150326

Priority:

Probable Assignee: GIESECKE AND DEVRIENT GMBH
Assignee(s): GIESECKE AND DEVRIENT GMBH
Inventor(s): JOBY P MATHEW

12) Family number: 59104869 (US2016275190A)

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Title: CRAWLING OF M2M DEVICES

Abstract: Source: US2016275190A [EN] In accordance with various example embodiments, an M2M crawler service may support capabilities to enable M2M devices to be efficiently and effectively crawled by Web crawlers. As a result, M2M devices may be indexed and searched by Web search engines, and thus by Web users making use of Web search engines. Thus, the described-herein M2M crawler service may enable M2M devices to be integrated into the Internet/Web of Things

Classifications:

International (IPC 8-9): G06F13/00 G06F17/30 G06Q30/02

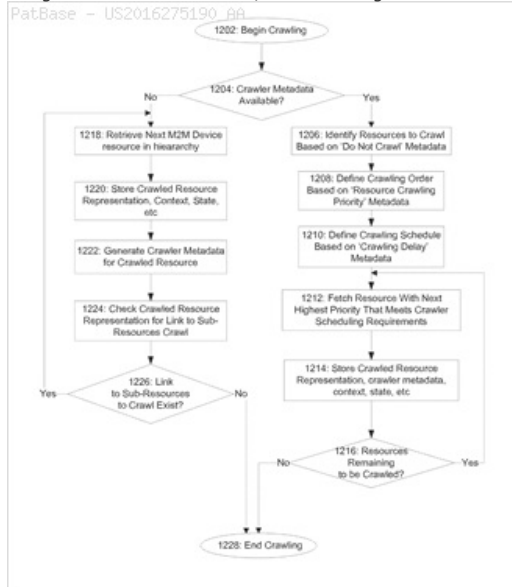
H04L29/08 H04W4/00 H04W4/04 H04W4/70

H04W80/12 (Advanced/Invention)

CPC: H04W80/12 H04L67/12 H04L67/02 G06Q30/0277

G06F17/30864 H04W4/005 H04W4/70

US: 707/709



Family:

Publication number	Publication date	Application number	Application date
■ CN105766004 A	20160713	CN201480063559	20141021
■ EP3061272 A1	20160831	EP20140793959	20141021
■ JP2016536729 T2	20161124	JP20160549217T	20141021
■ KR101825700 B1	20180206	KR20167013273	20141021
■ KR20160074611 A	20160628	KR20167013273	20141021
■ KR20180029232 A	20180320	KR20187002980	20141021
■ US2016275190 AA	20160922	US20140030900	20141021
■ WO15061290 A1	20150430	WO2014US61530	20141021

Priority:

US20130893573P 20131021 US20140030900 20141021 WO2014US61530 20141021

Probable Assignee: CONVIDA WIRELESS LLC

Assignee(s): (std): CONVIDA WIRELESS LLC ; CONVIDA WIRELESS LLC

Inventor(s): (std): DONG LIJUN ; LU GUANG ; MLADIN CATALINA M ; RAHMAN SHAMIM AKBAR ; SEED DALE N ; STARSINIC MICHAEL F ; WANG CHONGGANG ; WANG ZHONGGANG

Agent(s): CARPMAELS AND RANSFORD LLP; SAMUELS STEVEN B 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 DK DM DO DZ EC EE EF EG 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

13) Family number: 58688159 (US2015068069A)

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Title: PERSONALLY POWERED APPLIANCE

Abstract: Source: US2015068069A [EN] Systems and methods are disclosed for powering a processor and a wireless transceiver in a sole having a sole plate and one or more spring elements disposed in a forefoot area of the sole plate, each of said spring elements including a piezoelectric generator coupled thereto, wherein each of the plurality of spring elements has one free end not directly connected to the sole plate.

Classifications:

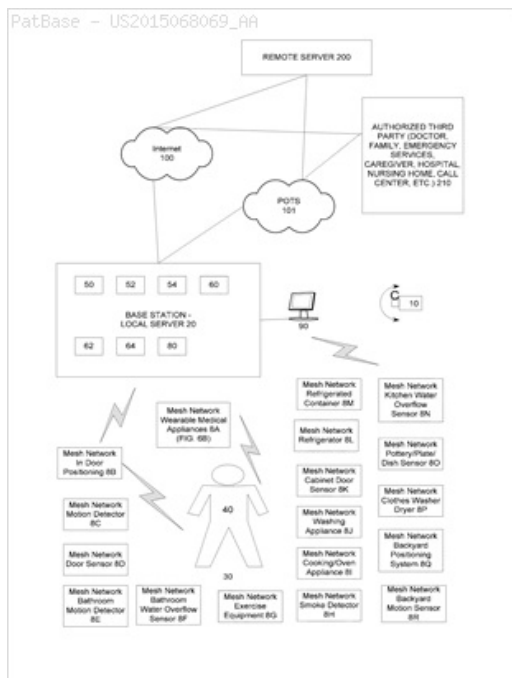
International (IPC 8-9): A43B3/00 G08B21/02 H01L41/113 H04B1/38

H04Q9/00 (Advanced/Invention)

CPC: G08B21/023 H04Q9/00 A43B3/0005 H01L41/1136 H02N2/18

H04Q2209/25 H04Q2209/886 H04B1/385 A43B13/183 A43B13/184

US: 340/693.1 36/136



Family:

Publication number	Publication date	Application number	Application date
US2015068069 AA	20150312	US20130952603	20130727

Priority:

US20130952603 20130727

Probable Assignee: EMPIRE IP LLC

Assignee(s): (std): TRAN ALEXANDER BACH ; TRAN BAO ; TRAN HA

Assignee(s): EMPIRE IP LLC

Inventor(s): (std): TRAN ALEXANDER BACH ; TRAN BAO ; TRAN HA