

Diego Gonzalez Castillo

1) Family number: 28420846 (JP2003104172A)

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Title: VEHICULAR ANTI-THEFT DEVICE

Abstract: PROBLEM TO BE SOLVED: To provide a vehicular anti-theft device capable of improving an anti-theft effect.
SOLUTION: When a driver moves a change gear operating portion 5 to a parking position to lock a locking portion 22, a fixing portion 21 is locked while the change gear operating portion 5 is fixed by the fixing portion 21, and an ignition coil 7 and the like are switched to a non-energizing state by a switching portion 23. When a thief directly connects wiring by dismantling an ignition switch 6, the switching portion 23 is not switched to an energizing state unless the locking portion 22 is unlocked, so that an engine 10 cannot be started. Even if the engine 10 is succeeded to be started, the change gear operating portion 5 is not switched to a traveling position, so that engine output cannot be transmitted to a transmission. This anti-theft device 20 has a structure hard to be removed from a vehicle 1, and if the anti-theft device 20 is tended to be removed or broken, an airbag device 11 and an alarm sound generating device 14 are actuated.

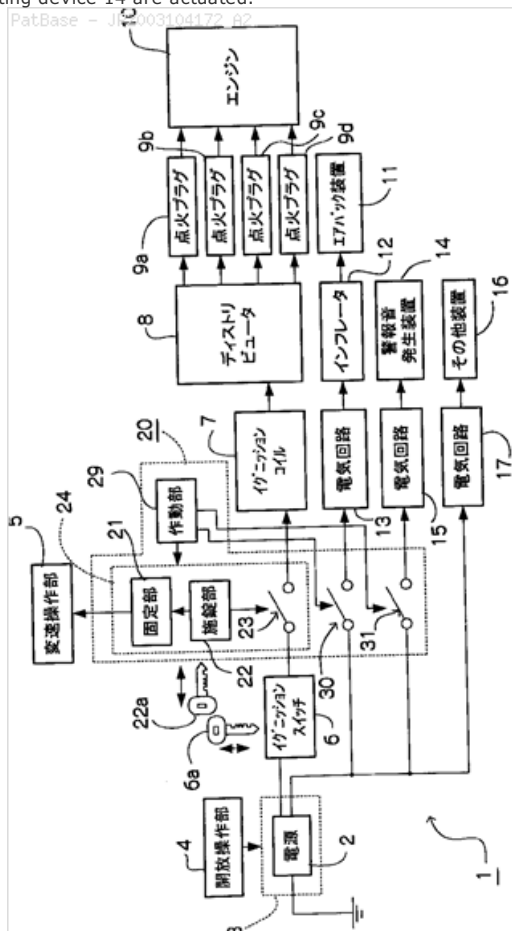
Classifications:

International (IPC 8-9): B60K20/02 B60R25/00 B60R25/01 B60R25/04 B60R25/045 B60R25/06 B60R25/10 B60R25/104 B60R25/30 B62H5/00 E05B65/12 E05B83/00 F16H63/34 G05G5/06 G05G5/08 (Advanced/Invention); B60R21/16 (Advanced/Non-invention); B60K20/02 B60R25/00 B60R25/04 B60R25/06 B60R25/10 B62H5/00 E05B65/12 F16H63/30 G05G5/00 (Core/Invention); B60R21/16 (Core/Non-invention)

International (IPC 1-7): B60K20/02 B60R21/16 B60R25/00 B60R25/04 B60R25/06 B60R25/10 B62H5/00 E05B65/12 F16H63/34 G05G5/06 G05G5/08

CPC: B60R21/16 B60R25/012 B60R25/066 B60R25/1004 B62H5/00

European: B60R25/01B B60R25/06D B60R25/10C B62H5/00 L60R21/16



Family:

Publication number	Publication date	Application number	Application date
DE10162520 A1	20030417	DE20011062520	20011219
DE10162520 B4	20040609	DE20011062520	20011219
JP2003104172 A2	20030409	JP20010301637	20010928

Priority:

JP20010301637 20010928

Probable Assignee: KURAMOCHI TETSUO SETAGAYA

Assignee(s): (std): KURAMOCHI TETSUO ; KURAMOCHI TETSUO SETAGAYA

Inventor(s): (std): KURAMOCHI TETSUO ; KURAMOCHI TETSUO SETAGAYA

2) Family number: 10754669 (SU1776592A)

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Title: AUTOMOTIVE VEHICLE THEFT-PROOF DEVICE

Abstract: Source: SU1776592A **Machine translation:** Use: in the field of auto electrical equipment as a security device to prevent unauthorized use of the vehicle. Summary of the invention: the device comprises a vibration sensor having one flat spring, one end of which is fixed at one end to the housing 4 and the other is arranged horizontally and has a load at the free

end 2. Contact sensor included in the supply chain signaling. The apparatus also comprises a stop device is present, having a coil 9 with a spring-loaded armature 8 and the spring-loaded shock plate 6. The device allows to form an alarm when opening doors, hood, trunk, as well as co-workers at the vehicle's canopy when attempting removal of wheels, 1 yl.

Classifications:

International (IPC 8-9): B60R25/10 (Advanced/Invention);
B60R25/10 (Core/Invention)

International (IPC 1-7): B60R25/10



Family:

Publication number	Publication date	Application number	Application date
RU1776592 C	19921123	SU19904808181	19900329
SU1776592 A1	19921123	SU19904808181	19900329

Priority:

SU19904808181 19900329

Probable Assignee: SAMARSKOE PROIZV OB Z IM MASLE

Assignee(s): (std): SAMARSKOE PROIZV OB Z IM MASLE

Assignee(s): SAMARSKOE PROIZV OB ZAVOD IM MASLENNIKOVA ; SAMARSKOE PROIZV OB ZAVOD IMMASLENNIKOVA

Inventor(s): (std): MOREV YURIJ A ; SHAGALOV YURIJ V

Inventor(s): SHAGALOV YURIJ V SU ; MOREV YURIJ A SU

3) Family number: 23298856 (CN2490029Y)

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Title: ANTI-THEFT APPARATUS ON CAR

Abstract: The utility model relates to an anti-theft apparatus on car, which consists of a remote control switch circuit, an infrared sensor circuit, a vibration sensor circuit, a control and implementing circuit, an alarming circuit, an electric shock circuit and a wireless receiving and sending circuit. The remote control switch circuit is formed by a remote emitter and a remote control receiver, and the output of the remote control receiver controls the power supply of emitter of the infrared sensor circuit, the vibration sensor circuit and the wireless receiving and sending circuit. The output of the infrared sensor circuit and the vibration sensor circuit is connected with the input end of the control and implementing circuit. The output of the control and implementing circuit controls the power supply of the emitter of the alarming circuit, the electric shock circuit and the wireless receiving and sending circuit. The utility model has the advantages that: the utility model is of a full function and high sensitivity, which can prevent the mistaken action with high reliability and the utility model can solve the problem that the car is stolen to eliminate the anxiety of the car owner.

Classifications:

International (IPC 8-9): B60R25/10 (Advanced/Invention);
B60R25/10 (Core/Invention)

International (IPC 1-7): B60R25/10

Family:

Publication number	Publication date	Application number	Application date
CN2490029 Y	20020508	CN20012060097U	20010925

Priority:

CN20012060097U 20010925

Probable Assignee: WANG HONGXI

Assignee(s): (std): WANG HONGXI

Inventor(s): (std): WANG HONGXI ; LIANSHENG LI ; LI LIANSHENG ; HONGXI WANG

4) Family number: 28492554 (CN2545039Y)

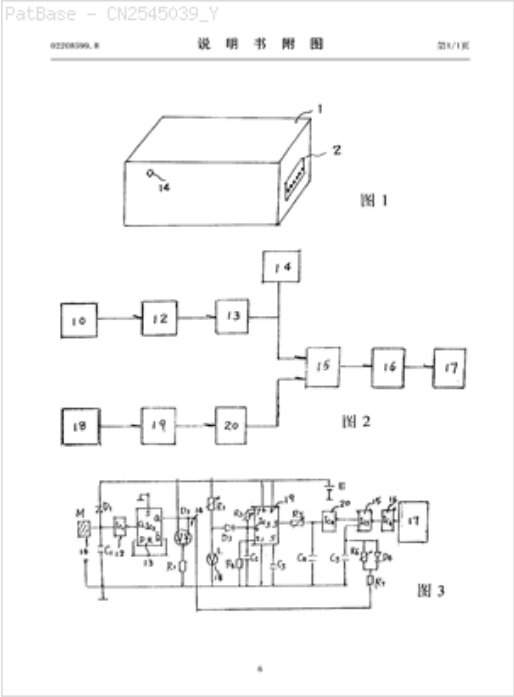
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Abstract: A vehicle electronic anti-theft protective device belongs to the field of vehicle anti-theft systems and consists of a shell, a connector socket, a touch switch, four alternative denial gate circuits, a shock sensor, a time base circuit, a flip flop, an alarm cut-off device and an indicator lamp. The touch switch goes through the input of a first alternative denial gate circuit; the output of the flip flop is connected with the input of a first alternative denial gate circuit; the output of the flip flop is connected with the input of a third alternative denial gate circuit; the output of the third alternative denial gate circuit is connected with the alarm cut-off device of a fourth alternative denial gate circuit; the shock sensor is connected with the input of the time base circuit; the output of the time base circuit is connected with the input of a second alternative denial gate circuit; the end legs of the time base circuit are connected with the power supply; the output of the second alternative denial gate circuit is connected with the alarm cut-off device by the third and the fourth alternative denial gate circuits. The utility model can not only prevent theft, but also identify the vehicle owner, has the advantages of optimized product structure, simple manufacturing process, low cost, high practicality, is more applicable to low-cost vehicles, motor bikes and electric vehicles, and is easy for popularized industry promotion.

Classifications:

International (IPC 8-9): B60R25/10 B60R25/104 (Advanced/Invention); B60R25/10 (Core/Invention)

International (IPC 1-7): B60R25/10



Family:

Publication number	Publication date	Application number	Application date
■ CN2545039 Y	20030416	CN20022008599U	20020401

Priority:

CN20022008599U 20020401

Probable Assignee:

YANG FENG

Assignee(s): (std):

YANG FENG

Inventor(s): (std):

YANG FENG

Inventor(s):

FENG YANG

5) Family number: 2919777 (EP0373076A2)

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Title: SYSTEM TO PREVENT THEFT OF A VEHICLE AND OPERATION THEREOF BY AN INCAPACITATED PERSON.

Abstract: The invention relates to a system to prevent theft of a motor vehicle and operation of the vehicle by a person under the influence of alcohol or drugs. The system comprises a keyboard with alphameric keys arranged in a non-consecutive order, the keyboard being coupled to an electronic controller. To operate the vehicle, the driver must enter the correct code within a predetermined time period, otherwise the vehicle will be disabled. To enhance the anti-theft functions of the system, it is provided with sensors to detect forced entry coupled to an audible alarm.

Classifications:

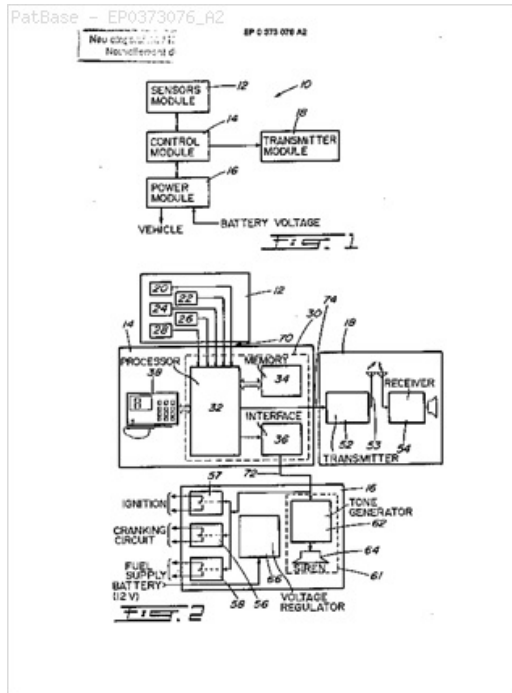
International (IPC 8-9): B60K28/06 B60R25/04 B60R25/10 (Advanced/Invention);

B60K28/00 B60R25/04 B60R25/10 (Core/Invention)

International (IPC 1-7): B60R25/04

CPC: B60K28/063 B60R25/04 B60R25/10 B60R2025/1016

European: B60K28/06B B60R25/04 B60R25/10 L60R25/10D2



Family:

Publication number	Publication date	Application number	Application date
EP0373076 A2	19900613	EP19890403424	19891211
EP0373076 A3	19911030	EP19890403424	19891211

Priority:

CA19880585582 19881209

Probable Assignee: SAVDA SECURITE INC

Assignee(s): (std): SAVDA SECURITE INC

Inventor(s): (std): MANURI ANDRE ; GUERTIN BERNARD ; DO VAN HANH ; HEBERT MARC

Designated states: AT BE CH DE ES FR GB GR IT LI LU NL SE

6) Family number: 32153527 (CN2703681Y)

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Title: AUTOMOBILE WIRELESS ANTI-THEFT DEVICE

Abstract: The utility model relates to the technical field of automobile electric appliances, more specially an automobile wireless anti-theft device, which comprises electronic devices, such as a sensor, a mobile phone, etc. The utility model is characterized in that the wireless anti-theft device connected by a mobile phone and other electronic elements is arranged in a shell. The output end of the wireless anti-theft device is connected with a light sensitive sensor in the rear box of the automobile, a shock sensor on the car door, a loudspeaker, the electric motor of an automobile switching gate, and the 12V battery of the automobile, and the wireless anti-theft device is provided with an infrared sensor and a human body sensor which is corresponding to an automobile driver's seat. Compared with the prior art, the utility model combines communication technology and sensing technology together, the utility model is used to communicate normally on the automobile, and solves the problem of remote control anti-theft distance. Once the automobile encounters theft, the utility model can alarm and remind at any time. In addition, the utility model can capture the lost signal of the automobile according to set mobile phone signals after stealage. The utility model has small volume, high reception sensitivity and long lifespan.

Classifications:

International (IPC 8-9): B60R25/00 B60R25/104 B60R25/34 (Advanced/Invention);

B60R25/00 (Core/Invention)

International (IPC 1-7): B60R25/00

Family:

Publication number	Publication date	Application number	Application date
CN1569527 A	20050126	CN200410018333	20040513
CN2703681 Y	20050608	CN200420022693U	20040513

Priority:

CN200410018333 20040513 CN200420022693U 20040513

Probable Assignee: LI YI

Assignee(s): (std): LI YI

Inventor(s): (std): FULIANG CHEN ; YI LI ; LI YI ; CHEN FULIANG

7) Family number: 4871794 (US4922094A)

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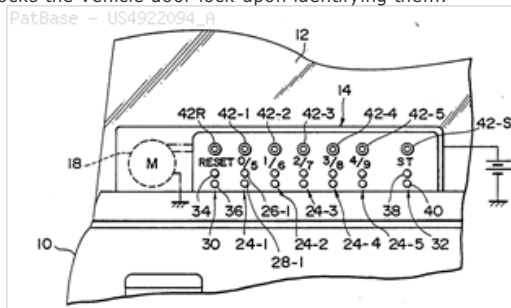
Title: AUTOMOBILE ELECTRONIC LIGHT-ACTIVATED KEY DEVICE

Abstract: An automobile electronic key device for externally and keylessly unlocking the vehicle door lock is disclosed. The electronic key device provided near the inner side of the vehicle lateral window glass includes plural pairs of light emitting and receiving elements, to which predetermined AC signals are supplied from the light emission controlling circuit. External manual stroking operation on said light emitting-receiving elements generates ID signals, which are supplied to the received

light processing circuit, which synchronously processes the inputted ID signal with said AC signal. The unlocking device functions to compare the ID signal to the registered member and unlocks the vehicle door lock upon identifying them.

Classifications:

International (IPC 8-9): B60R25/10 B60R25/20 B60R25/30 B60R25/32 B60R25/40 E05B49/00 E05B65/20 E05B81/64 E05B83/36 G01D5/26 G01P15/09 G07C9/00 G08B13/22 (Advanced/Invention); E05B65/12 (Advanced/Non-invention); B60R25/10 E05B49/00 E05B65/20 G01D5/26 G01P15/09 G07C9/00 G08B13/22 (Core/Invention); E05B65/12 (Core/Non-invention)
International (IPC 1-7): B60R25/10 G01P15/09
CPC: E05B85/085 E05B49/006 E05B81/06 E05B81/16 E05B81/54 G07C9/00182 G07C2009/00785
European: E05B49/00M4 E05B85/085 G07C9/00E2 P05B81/06 S07C9/00E14C4
US: 250/221 341/31



Family:

Publication number	Publication date	Application number	Application date
JP1230877 A2	19890914	JP19880133826	19880531
JP1233138 A2	19890918	JP19880133825	19880531
JP2203275 A2	19900813	JP19890188238	19890719
US4922094 A	19900501	US19880263608	19881027

Priority:

JP19870170319U 19871106 JP19870170322U 19871106 JP19880133825 19880531
 JP19880133826 19880531 JP19890188238 19890719

Probable Assignee: NAVIC CO LTD

Assignee(s): (std): NABITSUKU KK ; NAVIC CO LTD

Assignee(s): NAVIC CO ; MICHIO NISHI ; MICHIO NISHI A CITIZEN OF JAPAN

Inventor(s): (std): ENOMOTO AKIRA ; ENOMOTO TERU ; HATANAKA TOSHIHIKO ; MATSUSHITA KOJI ; MATSUSHITA KOUJI

8) Family number: 11580855 (US5905432A)

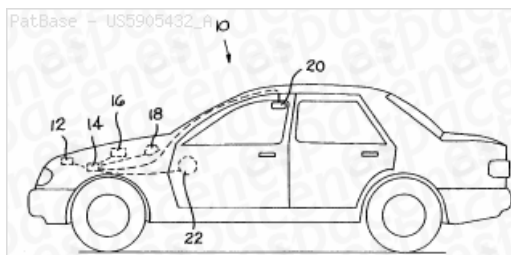
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Title: VEHICLE ANTI-THEFT AND ANTI-VANDALISM ALARM

Abstract: A vehicle anti-theft and anti-vandalism alarm system (10) having a vehicle monitor which comprises at least one vehicle battery (12), at least one vehicle microprocessor (14) electrically connected to the at least one vehicle battery (12), a vehicle transmitter (16), a vehicle audio generator (18), a vehicle motion sensor (20), a vehicle vibration/movement sensor (22), a portable monitor (110) in communication with the vehicle monitor. The portable monitor (110) comprises at least one portable monitor battery (112) positioned within a portable monitor housing (126), at least one portable monitor microchip (114) electrically connected to at least one portable monitor battery (112), a portable monitor receiver (116) electrically connected to at least one portable monitor microchip (114), a portable monitor audio generator (118), a portable monitor illegal ENTRY visual indicator (120), a portable monitor SHOCK visual indicator (122) electrically connected to at least one portable monitor microchip (114), a portable monitor switch (124) electrically connected to at least one portable monitor microchip (114), and a vehicle microprocessor software program (210) contained within the at least one vehicle microprocessor (14) and a portable monitor microchip software program (310) contained within the at least one portable monitor microchip.

Classifications:

International (IPC 8-9): B60R25/04 B60R25/10 (Advanced/Invention)
International (IPC 1-7): B60R25/10
CPC: B60R25/04 B60R25/1004 B60R25/102
European: B60R25/04 B60R25/04B B60R25/102 B60R25/10C
US: 180/287 307/10.2 340/425.5 340/426 340/426.13 340/426.15 340/426.25 340/5.3 340/5.72 340/539 340/539.1 340/825.31 340/825.32 379/58 379/59



Family:

Publication number	Publication date	Application number	Application date
US5905432 A	19990518	US19980132046	19980811
US6107914 A	20000822	US19990311983	19990514

Priority:

US19980132046 19980811 US19990311983 19990514

Probable Assignee: HARRIS TRUST AND SAVINGS BANK AGENT AS

Assignee(s): GREENE DESMOND ; HARRIS TRUST AND SAVINGS BANK AGENT AS ; HARRIS TRUST AND SAVINGS BANK AS AGENT

Inventor(s): (std): GREENE DESMOND

9) Family number: 11604665 (US5912615A)

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Title: ELECTRIFIED THEFT/CAR-JACK PREVENTION DEVICE FOR USE WITH MOTOR VEHICLES AND METHODS OF USE

Abstract: A device for minimizing car theft and car-jacking, the device including an immobilizing means, the immobilizing system including an arming mechanism. Upon the opening of the car door, a timer mechanism is activated. Upon the expiration of the time period, when the wheels of the motor vehicle have completely stopped and the brakes have been applied, the engine is killed, lights are flashed and the audio signal generator is activated. In addition, the immobilizer system activates a interface system, which provides a warning to the unauthorized user of the motor vehicle of an imminent shock

being applied to the seats of the motor vehicle. Upon expiration of another time delay period, electric shocks are applied to the seat of the car and, optionally, a visual location indicator, such as a smoke generator may be triggered. Methods of use and other embodiments are disclosed.

Classifications:

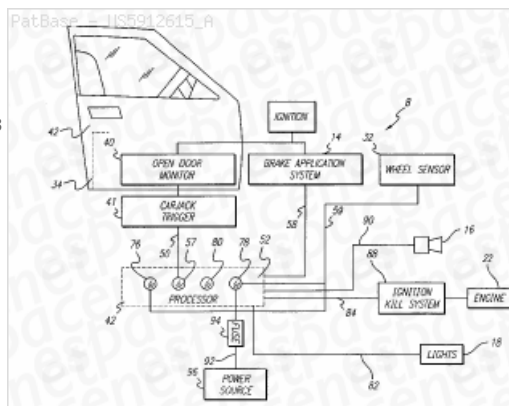
International (IPC 8-9): B60R25/04 B60R25/10 (Advanced/Invention)

International (IPC 1-7): B60R25/10

CPC: F41H13/0018 B60R25/04 B60R25/08 B60R25/104

European: B60R25/04 B60R25/08 B60R25/104 F41H13/00D2

US: 180/287 307/10.2 340/426 340/426.12 340/428 361/232 42/1.13 89/1.11



Family:

Publication number	Publication date	Application number	Application date
US5912615 A	19990615	US19970959733	19971028

Priority:

US19940311745 19940923 US19970801455 19970218 US19970959733 19971028

Probable Assignee: KAKIMOTO NEAL

Assignee(s): KAKIMOTO NEAL ; KRETZMAR ALLAN J

Inventor(s): (std): KRETZMAR ALLAN J ; KAKIMOTO NEAL

10) Family number: 30263037 (US2005149741A)

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Title: AUTORISATIONS, REGULATION, CHARACTERISATION, LOCALISATION, LOCKING AND THEFT SECURITY SYSTEM (HERE ALSO REFERRED TO AS LOCK-LOOP DSS)

Abstract: Combination of a loop lockable with a lock (itself) which carries a license number or a numeric, alphanumeric, or bar code that can be registered on the internet or on a mobile phone portal which is destroyed in the case of theft or criminal violent influence, and also can be used or installed integrated for or on chains or locks themselves, (motor) cycles (through the spokes, hubs, gears changers etc.), ski bindings, kickboards, cars, boats, aircraft, stationary objects and can be equipped with an electrical circuit and with a connection or interruption to an electrical (switching) devices and can also carry a chip which gives a signal to the number registered on the internet or on the mobile phone portal and, e.g., is integrated in a screw head.

Classifications:

International (IPC 8-9): B60R25/04 B60R25/10 B60R25/102

B60R25/33 B62H5/20 E05B49/00 E05B67/00 E05B73/00 G06F15/00 G06K17/00 G06K19/07 G06K19/10 G07C9/00 G08B13/06 H04K1/00 (Advanced/Invention);

E05B73/00 G06F15/00 (Advanced/Non-invention);

B60R25/04 B60R25/10 B62H5/00 E05B49/00 E05B67/00 G06F15/00 G06K17/00 G06K19/07 G06K19/10 G08B13/02 (Core/Invention);

E05B73/00 (Core/Non-invention)

International (IPC 1-7): E05B73/00 G06F G07C9/00 H04K1/00

CPC: B60R25/04 B60R25/1004 B60R25/1025 B60R25/33

B60R2325/101 B60R2325/105 B60R2325/205 B60R2325/304

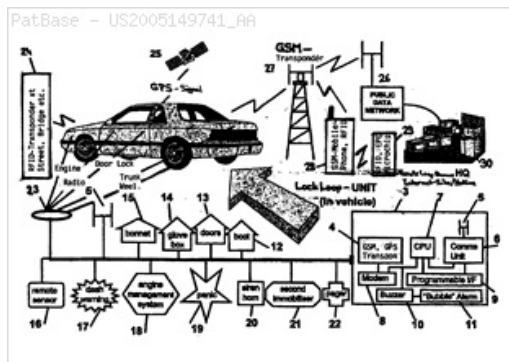
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European: B60R25/04 B60R25/102 B60R25/102B B60R25/10C

B60R25/33 E05B67/00 L60R325/10B L60R325/10F L60R325/20D

L60R325/30D P05B47/00R2 P05B73/00

US: 713/186 713/186P



Family:

Publication number	Publication date	Application number	Application date
AU2003264914 AA	20040202	AU20030264914	20030714
AU2003264914 AH	20040202	AU20030264914	20030714
CN1682005 A	20051012	CN20038021558	20030714
EP1523604 A2	20050420	EP20030764043	20030714
JP2006514348 T2	20060427	JP20040520961T	20030714
KR20060070479 A	20060623	KR20057000674	20030714
US2005149741 AA	20050707	US20050521224	20050223
WO04008268 A2	20040122	WO20031B02809	20030714
WO04008268 C1	20040708	WO20031B02809	20030714

Priority:

CH20020001260 20020713 WO20031B02809 20030714 KR20050000674 20050113

Probable Assignee: HUMBEL ROGER M

Assignee(s): (std): HUMBEL ROGER ; HUMBEL ROGER M ; HUMBEL ROGER MARCEL

Inventor(s): (std): HUMBEL ROGER ; HUMBEL ROGER MARCEL ; HUMBEL ROGER M

Inventor(s): ROGER HUMBEL

Agent(s): ZOLLINGER AND BURLESON LTD

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

11) Family number: 30268713 (US5423037A)

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Title: CONTINUOUSLY AVAILABLE DATABASE SERVER HAVING MULTIPLE GROUPS OF NODES, EACH GROUP MAINTAINING A DATABASE COPY WITH FRAGMENTS STORED ON MULTIPLE NODES

Abstract: A database server with a "shared nothing" system architecture has multiple nodes, each having its own central processing unit, primary and secondary memory for storing database tables and other data structures, and communication channels for communication with other ones of the nodes. The nodes are divided into first and second groups that share no resources. Each database table in the system is divided into fragments distributed for storage purposes over all the nodes in the system. To ensure continued data availability after a node failure, a "primary replica" and a "standby replica" of each fragment are each stored on nodes in different ones of the first and second groups. Database transactions are performed using the primary fragment replicas, and the standby replicas are updated using transaction log records. Every node of the system includes a data dictionary that stores information indicating where each primary and standby fragment replica is stored. The records of each database table are allocated as evenly as possible among the table fragments. A transaction manager on each node responds to database queries by determining which fragment of a database is being accessed by the query and then forwarding the database query to the node processor on which the primary replica of that fragment is stored. Upon failure of any one of the data processors in the system, each node updates the information in its data dictionary accordingly. In addition, the fragment replicas made unavailable by the node failure are regenerated and stored on the remaining available nodes in the same node group as the failed node.

Classifications:

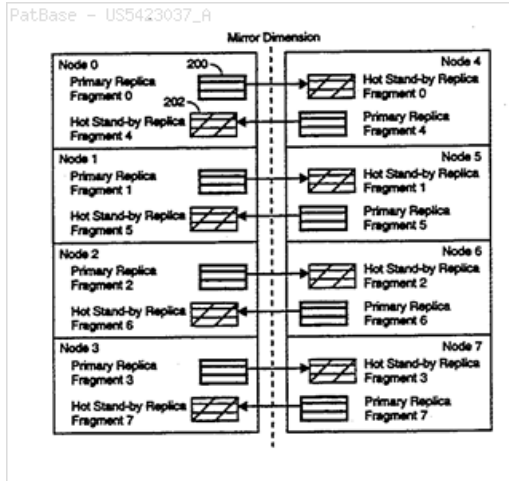
International (IPC 8-9): B60R25/00 B60R25/10 B60R25/104 B60R25/20 B60R25/24 E05B49/00 G01P13/00 G01P15/08 G06F11/14 G06F11/20 G06F12/00 G06F17/30 G07C9/00 G08B13/14 G08B13/22 G08B19/00 G08B23/00 G08B25/00 G08B25/01 G08B25/10 G08B29/00 G08B29/16 G08B29/18 G08B29/26 G08C17/02 G08C19/00 G08C19/16 G08C19/22 G08C19/28 H04B1/20 H04B1/69 H04B1/74 H04B7/00 H04J13/00 H04L9/34 (Advanced/Invention); G08B13/00 G08B25/00 H03K17/94 H04B1/20 H04B1/69 H04J13/00 H04K1/04 H04L9/18 (Advanced/Non-invention); G06F11/14 G06F11/20 G06F12/00 G06F17/30 G08B23/00 G08B29/00 (Core/Invention); G08B (Subclass/Invention)

International (IPC 1-7): B60Q1/00 B60R25/00 B60R25/10 E05B49/00 E05B65/36 G06F11/14 G06F11/20 G06F12/00 G06F15/177 G06F17/30 G06F7/04 G06F9/28 G07C9/00 G08B G08B13/00 G08B13/02 G08B13/16 G08B13/18 G08B13/22 G08B19/00 G08B23/00 G08B25/00 G08B25/01 G08B25/10 G08B29/00 G08B29/16 G08B5/22 G08C17/02 G08C19/00 G08C19/12 G08C19/16 G08C19/22 H03K17/94 H04B1/74 H04B7/00 H04K1/04 H04L17/02 H04L9/12 H04L9/16 H04L9/34

CPC: B60R25/1009 G08B29/185 B60R25/10 Y10S707/99953 G06F11/2035 G06F11/1482 G06F11/1662 G06F11/2094 G06F2201/80 G08B25/003 G08B25/008 H04B1/202 G08B25/007 G08B29/183 B60R2225/00 B60R25/20 B60R25/1003 B60R25/1004 B60R25/1018 B60R25/104 B60R25/1013 G01P13/00 G01P15/0891 G07C9/00015 G07C9/00111 G07C9/00182 G07C2009/00238 G07C2009/00793 G07C2009/00849 G08B13/1436 G08B25/018 G08B25/10 G08B29/24 G08B29/26 G08C17/02 G08C19/22 G08C19/28 G08C2201/51 G08C2201/62 H04J13/0074 B60R25/24 G06F16/273 G06F16/278 G06F11/2097

European: B60R25/10 B60R25/104 B60R25/10B B60R25/10C B60R25/10C2 B60R25/10F B60R25/20 B60R25/24 G01P13/00 G01P15/08L G06F11/14A G06F11/14S1 G06F11/20P4 G06F11/20U G06F17/30S7A G06F17/30S7P G07C9/00B10 G07C9/00B2 G07C9/00E2 G08B13/14F G08B25/01E G08B25/10 G08B29/18D G08B29/18S G08B29/24 G08B29/26 G08C17/02 G08C19/22 G08C19/28 H04J13/00C L60R225/00 L60R25/10C L60R25/10D L60R25/10F S06F11/16D2 S07C9/00E14C6 S07C9/00E16F S07C9/00E2G S08C201/510 S08C201/620 T04B1/20B T04B1/69C T04J13/00C

US: 1/1 180/167 180/287 307/10.2 307/9.1 340/11.1 340/12.22 340/12.23 340/12.28 340/12.5 340/426.5 340/426 340/426.17 340/426.25 340/426.28 340/428 340/429 340/457.2 340/460 340/5.26 340/5.5 340/5.64 340/5.72 340/511 340/518 340/521 340/566 340/825.01 340/825.03 340/825.3 340/825.31 340/825.34 340/825.37 340/825.56 340/825.57 340/825.62 340/825.69 341/173 341/176 341/20 364/931.43 364/931.45 364/944.3 364/944.61 364/945.3 364/963.3 364/974.7 364/975.5 364/DIG.2 371/11.3 371/8.1 375/138 375/202 375/203 375/369 380/21 380/23 380/25 380/262 380/28 380/29 380/37 380/9 395/182.08 395/200 395/575 395/600 395/800 707/202 707/205 707/999.202 707/E17.032 714/10 714/E11.118 714/E11.128

**Family:**

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US19980073048	19980501	US19990293325	19990416		

Probable Assignee: DIRECTED LLC

Assignee(s): (std): DARRELL ISSA ; DIRECTED ELECTRONICS INC ; DIRECTED ELETRONICS INC ; CLUSTRA SYSTEMS INC ; WARD KENNETH A ; ISSA DARRELL E ; ISSA DARRELL ; TELENOR AS ; TELESERVE TRANSACTION TECHNOLO ; PERDUE SIDNEY B

Assignee(s): DEI HOLDINGS INC F K A DIRECTED ELECTRONICS INC ; CLUSTRA SYSTEMS INC OAKLAND ; DEI HOLDINGS INC (F K A DIRECTED ELECTRONICS INC) ; DEFINITIVE TECHNOLOGY LLC ; DEI HOLDINGS INC ; CERBERUS BUSINESS FINANCE LLC COLLATERAL AGENT AS ; TELENOR TRONDHEIMTRONDHEIM AS ; FLEET NATIONAL BANK ; WACHOVIA BANK NATIONAL ASSOCIATION ADMINISTRATI AS ; TELESERVE TRANSACTION TECHNOLOGY AS ; SUN MICROSYSTEMS INC ; POLK AUDIO INC ; POLK HOLDING CORP ; GENERAL ELECTRIC CAPITAL CORP ; WACHOVIA BANK NATIONAL ASSOCIATION ADMINISTRATIVE ; POLK AUDIO INC SUCCESSOR BY MERGER TO BRITANNIA AS ; WARD KENNETH ; POLK AUDIO INC SUCCESSOR BY MERGER TO BRITANNIA INVESTMENT AS CORP ; WACHOVIA BANK NATIONAL ASSOCIATION ADMINISTRATIVE AGENT AS ; POLK AUDIO INC (AS SUCCESSOR BY MERGER TO BRITANNIA INVESTMENT CORPORATION) ; POLK AUDIO INC AS SUCCESSOR BY MERGER TO BRITANNIA INVESTMENT CORPORATION ; DIRECTED LLC ; WACHOVIA BANK NATIONAL ASSOCIATION AS ADMINISTRATI ; GENERAL ELECTRIC CAPITAL US AGENT AS CORP ; WELLS FARGO BANK NATIONAL ASSOCIATION AGENT AS ; LEADING ELECTRONICS CO LTD ; POLK AUDIO LLC ; VIPER ACQUISITION CORP ; VIPER BORROWER INC CORP ; VIPER HOLDINGS CORP ; PNC BANK NATIONAL ASSOCIATION COLLATERAL AGENT AS ; CLUSTRA WESTERMANNSSVEITA AS ; DEI HEADQUATERS INC ; DEI HEADQUATERS INC ; CLUSTRA AS ; DEI INT INC ; DEI SALES INC ; CHEN CHARLES ; ANTARES CAPITAL LP ; BIRCHFIELD JERRY ; BIRCHFIELD JERRY W ; BIRCHFILED JERRY W ; BOOM MOVEMENT LLC ; BUSSE GLENN R ; CANADIAN IMP ; CANADIAN IMP BANK OF COMMERCE ACTING THROUGH ITS N ; CANADIAN IMP BANK OF COMMERCE ACTING THROUGH ITS NY AGENCY COLLATERAL AGENT AS

Inventor(s): (std): ISSA DARRELL ; BIRCHFIELD JERRY W ; BUSSE GLENN R ; WARD KENNETH ; PERDUE SIDNEY B ; ISSA DARRELL E ; BIRCHFIELD JERRY ; ISSA DARREL E ; TORBJOERNSEN OEYSTEIN ; HVASSHOVD SVEIN OLAF ; WARD KENNETH A ; TORBJ RNSEN YSTEIN ; BIRCHFILED JERRY W ; CHEN CHARLES ; DARRELL E ISSA ; KENNETH WARD ; GLENN R BUSSE ; CHARLES CHEN ; SIDNEY B PERDUE ; DARREL E ISSA ; JERRY BIRCHFIELD ; JERRY W BIRCHFIELD ; DARRELL ISSA

Inventor(s): TORBJ AND 526 RNSEN AND 527 YSTEIN

Agent(s): SPRUSON AND FERGUSON; ASPEN PHARMA PTY LTD; DIMOCK STRATTON LLP

Designated states: AM AT AU BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK ES FI FR GA GB GE GH GN GR HU IE IT JP KE KG KP KR KZ LI LK LS LT LU LV MC MD MG ML MN MR MW NE NL NO NZ PL PT RO RU SD SE SI SK SN SZ TD TG TJ TT UA UG UZ VN ZW

Abstract: In a method and apparatus for securing car against theft via wireless sensor, a charging circuit and chargeable battery, a CPU circuit connected to a transmission circuit, and an air pressure sensor or an infrared sensor are provided in a cigarette-lighter plug, so that the sensor detects any change of air pressure or any change of temperature in a car due to any invader, and sends a trigger signal to the CPU circuit. The signal is encoded at the CPU circuit and then transmitted via the transmission circuit to a wireless antitheft main unit mounted in the car to trigger a siren as a warning if main unit is set to active stale by external remote control transmitter. Since no wire is needed between the sensor and the main unit, a thief is prevented from locating the main unit by tracing any wire extended thereto.

Classifications:

International (IPC 8-9): B60R25/00 B60R25/10 B60R25/31

G08B13/00 (Advanced/Invention);

B60R25/10 G08B13/00 (Core/Invention)

CPC: B60R25/1004 B60R25/1018 B60R25/104 G08B13/1654

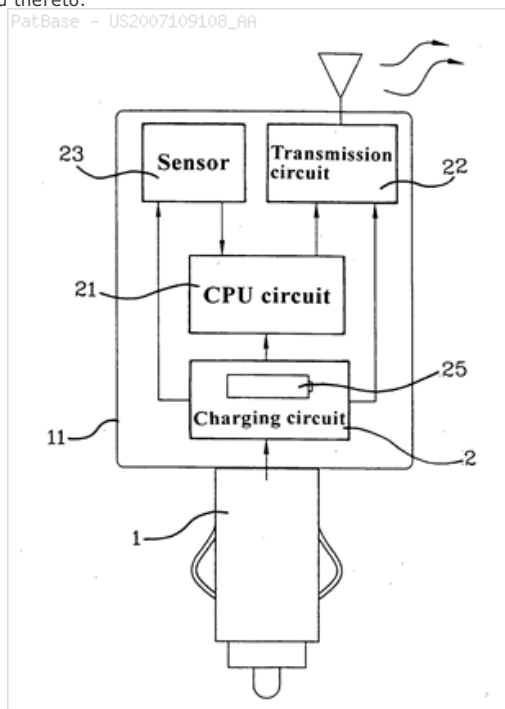
G08B13/19

European: B60R25/104 B60R25/10C B60R25/10F G08B13/16B

G08B13/19

US: 340/426.1 340/426.24 340/426.240P 340/426.25 340/426.26

340/541 340/550 340/550S



Family:

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TW200718591 A	20070516	TW20050140074	20051115
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US2007109108 AA	20070517	US20060595944	20061113
US7595719 BB	20090929	US20060595944	20061113

Priority:

TW20050140074 20051115

Probable Assignee: CHEN TSE HSING

Assignee(s): (std): CHEN TSE H ; CHEN TSE HSING ; CHIN TAKUKO

Inventor(s): (std): CHEN TSE H ; CHEN TSE HSING ; CHIN TAKUKO

Inventor(s): CHEN TSE

Agent(s): BACON AND THOMAS PLLC

13) Family number: 42175698 (AU2007200764A)

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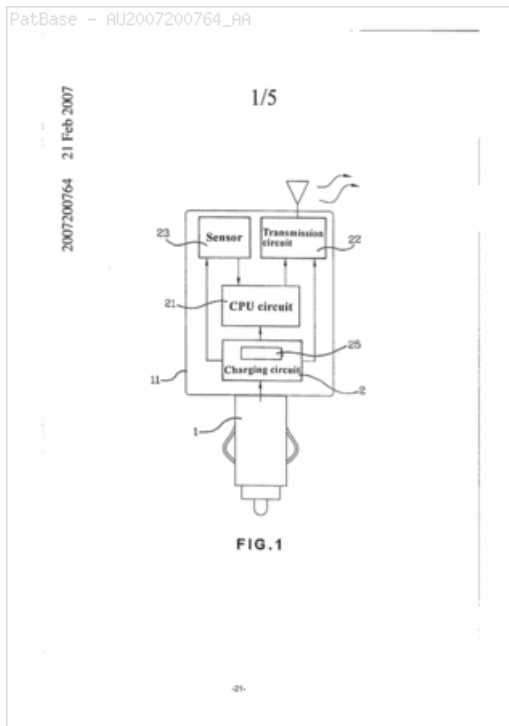
Title: Method and apparatus for securing car against theft via wireless sensor

Abstract: OF THE DISCLOSURE In a method and apparatus for securing car against theft via wireless sensor, a charging circuit and chargeable battery, a CPU circuit connected to a transmission circuit, and an air pressure sensor or an infrared sensor are provided in a cigarette-lighter plug, so that the sensor detects any change of air pressure or any change of temperature in a car due to any invader, and sends a trigger signal to the CPU circuit. The signal is encoded at the CPU circuit and then transmitted via the transmission circuit to a wireless antitheft main unit mounted in the car to trigger a siren as a warning if main unit is set to active stale by external remote control transmitter. Since no wire is needed between the sensor and the main unit, a thief is prevented from locating the main unit by tracing any wire extended thereto. 115 Fig.1

Classifications:

International (IPC 8-9): B60R25/00 B60R25/10 (Advanced/Invention);

B60R25/00 B60R25/10 (Core/Invention)

**Family:**

Publication number	Publication date	Application number	Application date
AU2007200764 AA	20080904	AU20070200764	20070221
AU2007200764 BB	20120607	AU20070200764	20070221

Priority:

AU20070200764 20070221

Probable Assignee: CHEN TSE HSING**Assignee(s):** (std): CHEN TSE HSING**Assignee(s):** TSE HSING CHEN**Inventor(s):** (std): CHEN TSE HSING**Inventor(s):** TSE HSING CHEN**Agent(s):** FISHER ADAMS KELLY; FISHER ADAMS KELLY CALLINANS; SPRUSON AND FERGUSON; FISHER ADAMS KELLY PTY LTD**14) Family number: 43701340 (CN201291832Y)**

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Title: BUS LINE TYPE ANTI-THEFT ALARM DEVICE FOR CAR

Abstract: The utility model discloses a bus type automobile anti-theft alarm device, of which the working is more reliable. The anti-theft alarm device adopts an MCU (Micro Controller Unit) as the core, the input end of the MCU is connected with a power supply management module and a shock sensor, the input end of the MCU is connected with a BSI module by a CAN bus transceiver, the BSI module is connected with each sensor in an automobile by connecting plug-ins of automobile peripheral equipment, and the output end of the MCU controls a buzzer by a buzzer drive module; the power supply management module is connected with a battery jar and the accumulator voltage in a backup battery detection vehicle, and the power supply management module converts the accumulator voltage into normal working voltage needed by each device by a DC converting circuit and transmits the voltage to each device. The alarm device can detect the working state of the automobile in real time, can carry out message interaction with an electric control unit according to a bus protocol, can accept the commands and diagnosis of the ECU and the BSI at the same time as transmitting alarm information, and can detect as well as record the state thereof. The power supply part adopts dual power supply and is connected with an automobile circuit in a matching manner, so as to achieve the purposes of preventing burglary, avoiding invasion and protecting the automobile.

Classifications:

International (IPC 8-9): B60R16/02 B60R25/10
 B60R25/104 (Advanced/Invention);
 B60R16/02 B60R25/10 (Core/Invention)

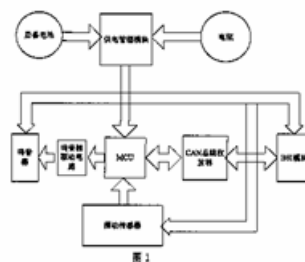


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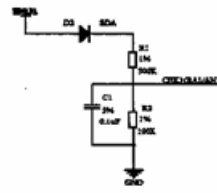


图 2

13

Family:

Publication number	Publication date	Application number	Application date
 CN201291832 Y	20090819	CN200820159641U	20081107

Priority:

CN200820159641U 20081107

Probable Assignee:

NANJING HISENCYBER CO LTD

Assignee(s): (std):

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Assignee(s):

NANJING HISENCYBER CO

Inventor(s): (std):

XIAOZHU SUN

Inventor(s):

SUN XIAOZHU

15) Family number: 44027063 (CN201343012Y)

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Title: WIRELESS REMOTE-CONTROL FINGERPRINT AUTOMOBILE ANTI-THEFT SYSTEM

Abstract: The utility model relates to a wireless remote-control fingerprint automobile anti-theft system, which consists of a fingerprint controller, a vehicle-mounted master controller, a shock alarm, an alarming horn, an oil circuit power supply, a vehicle-mounted slave controller, an automotive front machine cover electric control lock, and an automotive rear machine cover electric control lock. The anti-theft system is characterized in that a scratch type sensor embedded in the fingerprint controller is wirelessly connected with the vehicle-mounted master controller, the vehicle-mounted master controller is connected with the vehicle-mounted slave controller, the shock alarm and the alarming horn, and the vehicle-mounted slave controller is connected with the automotive front machine cover electric control lock, the rear glove compartment electric control lock and the oil circuit power supply. With a remote controller can the owner of a vehicle control the vehicle; and though obtaining the remote controller, other people still cannot control the vehicle. The utility model provides the vehicle with anti-theft and anti-robbery function, and high security.

Classifications:

International (IPC 8-9): B60R25/00 B60R25/25 (Advanced/Invention);
B60R25/00 (Core/Invention)

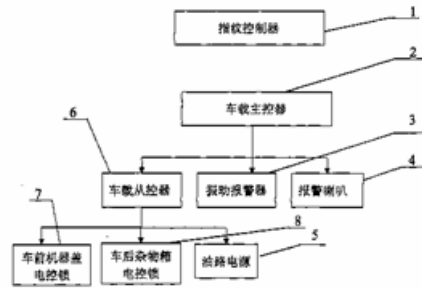


图1

Family:

Publication number	Publication date	Application number	Application date
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Priority:

CN200920092998U 20090213

Probable Assignee:

SHANGWEN ZHANG

Assignee(s): (std):

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Assignee(s):

ZHANG SHANGWEN

Inventor(s): (std):

SHANGWEN ZHANG

Inventor(s):

ZHANG SHANGWEN