

Nicolas Vargas

1) Family number: 697012 (US3750157A)

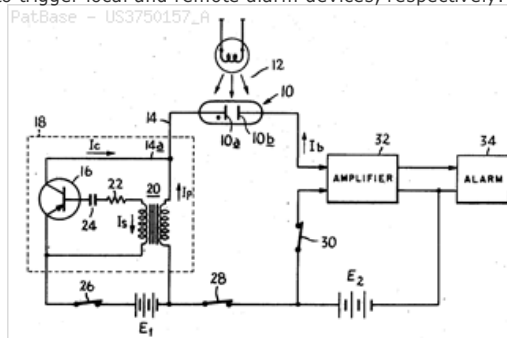
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Title: LIGHT DETECTION MONITORING DEVICE

Abstract: Source: US3750157A A light detection monitoring device includes a gaseous discharge tube for converting incident light into an electric signal, and a blocking oscillator. The oscillator, which is coupled to one of the electrodes of the tube and is enabled by the electric signal produced by the discharge tube, supplies short pulses which add to the discharge current to effect cumulative ionization of the gas in the tube and the attendant generation of high frequency waves. The increased discharge current and the high frequency waves are then employed to trigger local and remote alarm devices, respectively.

Classifications:

International (IPC 8-9): G08B13/18 G08B13/189 G08B17/12 G08B25/00 (Advanced/Invention);
 G08B13/18 G08B13/189 G08B17/12 G08B25/00 (Core/Invention)
International (IPC 1-7): G01J1/00 G08B13/00 G08B13/18 G08B17/00 G08B17/10 G08B17/12 G08B29/00
CPC: G08B13/189 G08B17/12 G08B13/18 G08B25/00
European: G08B13/18 G08B13/189 G08B17/12 G08B25/00
US: 340/555 340/600



Family:

Publication number	Publication date	Application number	Application date
DE2200085 A1	19721102	DE19722200085	19720103
FR2134570 A1	19721208	FR19720014978	19720427
FR2134570 B1	19751024	FR19720014978	19720427
US3750157 A	19730731		19710430
US3786460 A	19740115	US19720229150	19720224

Priority:

US19710138903 19710430 US19710138905 19710430 US19720229150 19720224

Probable Assignee:

KALTENBACH PIERRE US

Assignee(s): (std):

KALTENBACH P ; KALTENBACH PIERRE

Assignee(s):

KALTENBACH PIERRE US ; KALTENBACH P US

Inventor(s): (std):

KALTENBACH P ; KALTENBACH PIERRE

Inventor(s):

KALTENBACH P US

2) Family number: 4612050 (US5019805A)

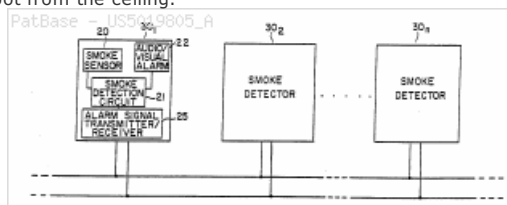
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Title: SMOKE DETECTOR WITH STROBED VISUAL ALARM AND REMOTE ALARM COUPLING

Abstract: Source: US5019805A The smoke detector of the present invention is designed to warn hearing impaired persons of fire or smoke. A small, attractive, and inexpensive wall or ceiling mounted unit houses a dual chamber ionization detector, piezoelectric alarm horn, and a high intensity xenon strobe unit producing approximately 130 candela. In one embodiment, it is powered only from standard 120 volt AC power, although an internal battery standby version and low voltage D.C. version are alternative embodiments. The unit is furnished with a surface mount housing. It can easily be moved from room to room as required and it is intended to be easily hung on the wall about a foot from the ceiling.

Classifications:

International (IPC 8-9): G08B17/00 G08B7/06 (Advanced/Invention);
 G08B17/00 G08B7/00 (Core/Invention)
International (IPC 1-7): G08B17/10
CPC: G08B7/06 G08B17/00 G08B17/113
European: G08B17/00 G08B7/06
US: 340/331 340/531 340/628



Family:

Publication number	Publication date	Application number	Application date
US5019805 A	19910528	US19890305916	19890203

Priority:

US19890305916 19890203

Probable Assignee:

PARSONS WILLIAM H

Assignee(s): (std):

FLASH ALERT INC

Assignee(s):

PARSONS WILLIAM H ; VENTEK INC

3) Family number: 12453567 (US5503059A)

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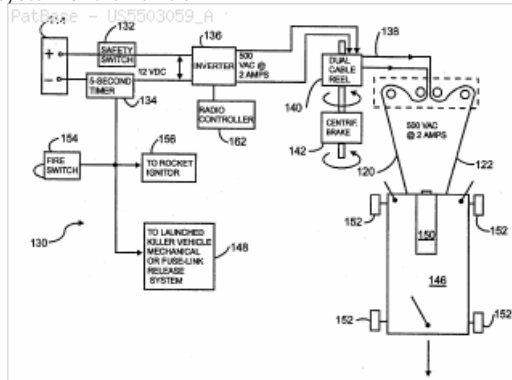
Title: VEHICLE DISABLING DEVICE AND METHOD**Abstract:** Source: US5503059A A vehicle disabling device is positioned under a vehicle desired to be stopped, sends a capacitive discharge therethrough, and disables at least one electric system of the vehicle.**Classifications:****International (IPC 8-9):** B60R25/04 E01F13/12

E01F9/00 (Advanced/Invention);

B60R25/04 E01F13/00 E01F9/00 (Core/Invention)

International (IPC 1-7): B60K28/10 B60L3/00 F41B15/00**CPC:** F41H13/0031 B60R25/04 E01F9/30 E01F13/12 F41H13/0093**European:** B60R25/04 E01F13/12 E01F9/00C F41H13/00D6

F41H13/00H

US: 180/167 180/279 244/3.12 404/6 89/1.11**Family:**

Publication number	Publication date	Application number	Application date
US5503059 A	19960402	US19950367581	19950103

Priority:

US19950367581 19950103

Probable Assignee:

PACHOLK DAVID R

Assignee(s): (std):

PACHOLK DAVID R

Inventor(s): (std):

PACHOLK DAVID R

4) Family number: 55309047 (US2013326244A)

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Title: SEMICONDUCTOR DEVICE AND ALARM DEVICE**Abstract:** Source: US2013326244A In the microcomputer in the alarm device, supply of power to a sensor portion or a CPU in a sensor is allowed or stopped by a power gate controlled by a power gate controller. In addition, a volatile memory portion and a nonvolatile memory portion are provided in the CPU, data of the volatile memory portion is stored in the nonvolatile memory portion before supply of power to the CPU is stopped, and the data of the nonvolatile memory portion is restored to the volatile memory portion after the supply of power to the CPU is resumed. Thus, during an interval between measurement periods, supply of power to the sensor portion and the CPU can be stopped, so that low power consumption can be achieved compared with the case where power is continuously supplied.**Classifications:****International (IPC 8-9):** G06F1/00 G06F1/26 G06F1/30 G06F1/32

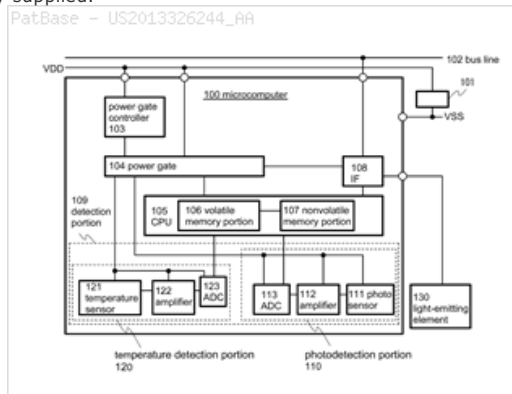
G08B17/00 G08B17/06 G08B17/107 G11C5/14 H01L29/786

H03K19/00 (Advanced/Invention);

G06F11/14 G11C5/14 (Advanced/Non-invention)

CPC: G06F1/26 G06F1/3203 G06F1/3234 G06F1/3287 G06F11/1456

G06F11/1458 G08B17/107 G11C5/148

US: 1/1 713/300**Family:**

Publication number	Publication date	Application number	Application date
JP2014039240 A2	20140227	JP20130106218	20130520
KR20150023547 A	20150305	KR20147036957	20130517
TW201409219 A	20140301	TW20130117902	20130521
TWI557547 B	20161111	TW20130117902	20130521
US2013326244 AA	20131205	US20130904391	20130529
US9310866 BB	20160412	US20130904391	20130529
WO13180016 A1	20131205	WO2013JP64426	20130517

Priority:JP20120126365 20120601 JP20120159898 20120718 JP20130106218 20130520
WO2013JP64426 20130517**Probable Assignee:** SEMICONDUCTOR ENERGY LAB**Assignee(s):** (std): SEMICONDUCTOR ENERGY LAB ; SEMICONDUCTOR ENERGY LAB CO LTD**Assignee(s):** SEMICONDUCTOR ENERGY LABORATORY CO ; SEMICONDUCTOR ENERGY LABORATORY CO LTD

Inventor(s): (std): YAMAZAKI SHUNPEI ; KOYAMA JUN

Agent(s): FISH AND RICHARDSON PC

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 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 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