Title (en)

Device for a burglary alarm system.

Title (de)

Anordnung zur Alarmgabe bei unbefugtem Eindringen.

Title (fr)

Installation d'alarme contre l'intrusion.

Publication

EP 0021232 A1 19810107 (DE)

Application

EP 80103220 A 19800610

Priority

DE 2923732 A 19790612

Abstract (en)

1. Means for giving an alarm in the case of unauthorized entry into a protected area, particularly an alarm system for protecting buildings against burglary, in which there is a control station (10), to which are connected peripheral devices (20, 30, 40, 50, 60), whereof some are optionally installed in neighbourhood areas, in the form of alarm sensors, controls, alerting devices, etc, by means of an existing power supply mains (90), in which an identically constructed control device (80) is provided in the control station (10) and also in the peripheral devices (20, 30, 40, 50, 60), said control device being clearly individualized by an identification code within the means, in which each control device (80) has a transmitter and a receiver for control signals interchangeable between control devices, a logic circuit, a signal store and a programme store, in which a predetermined change of state in the vicinity of a peripheral device (20, 30, 40, 50, 60) is recognized by the logic circuit of its control device (80) and is indicated by its transmitter to all the other control devices and is recorded there, in which certain selected changes of state can be supplied to an alerting device (11, 21, 41) for giving an alarm and in which all the control devices (20, 30, 40, 50, 60) within a means are identified by a uniform group code, characterized in that each control device (80) is constructed as a microprocessor having a storage capacity such that the changes of state of all the peripheral devices (20, 30, 40, 50, 60) leading to an alarm being given, and also the changes of state from neighbourhood areas are stored with an external group code, so that a group code emitted by an external means not belonging to one's own means and arranged in the reception area of the receiver of a control device (80) is received, decoded and evaluated by all the control devices (80) within one's own means, and that the transmission of a control signal is suppressed until the transmission of another control signal already started at the start of a transmission process in the reception area is at an end, it also being possible for said signal to come from an external means.

Abstract (de)

Eine Alarmanlage zum Schutz von Gebäuden gegen Einbruch zeichnet sich dadurch aus, daß in der Steuerzentrale (10) und in den peripheren Einrichtungen (20, 30, 40, 50, 60) jeweils eine Steuereinrichtung angeordnet ist, die durch einen Identifikations-Kode innerhalb der gesamten Alarmanlage eindeutig individualisiert ist, und es kann jede Steuereinrichtung sowohl mit der Steuerzentrale als auch mit jeder peripheren Einrichtung über eine programmgesteuerte Logikschaltung die für den Betrieb nützliche Information austauschen. Die Steuereinrichtungen in den peripheren Einrichtungen haben denselben Aufbau wie die entsprechende Steuereinrichtung in der Steuerzentrale. Deshalb kann auch eine der peripheren Einrichtungen die Steuerung der gesamten Alarmanlage übernehmen, wenn dies zweckmäßig oder notwendig erscheint. Jede Steuereinrichtung kann mit einem Mikroprozessor ausgestattet sein.

IPC 1-7

G08B 27/00; G08B 25/00

IPC 8 full level

G08B 25/00 (2006.01); **G08B 27/00** (2006.01)

CPC (source: EP)

G08B 25/00 (2013.01); **G08B 27/00** (2013.01)

Citation (search report)

- DE 2752959 A1 19790531 - HOLZER WALTER
- US 4019139 A 19770419 - ORTEGA JOSE I
- US 3964047 A 19760615 - ANTONACCIO JOSEPH C

Cited by

GB2222709A; EP0084685A1; EP0175657A1

Designated contracting state (EPC)

AT BE CH FR GB IT NL SE

DOCDB simple family (publication)

EP 0021232 A1 19810107; **EP 0021232 B1 19831116**; AT E5352 T1 19831215; DE 2923732 A1 19810108; DE 2923732 C2 19870416; ES 492340 A0 19801216; ES 8101796 A1 19801216

DOCDB simple family (application)

EP 80103220 A 19800610; AT 80103220 T 19800610; DE 2923732 A 19790612; ES 492340 A 19800611