

Title (en)

Method for monitoring and operating a radio link between sensors and central unit of an alarm system

Title (de)

Verfahren zur Überwachung und zum Betrieb einer Funkstrecke zwischen den Überwachungssensoren und der Zentraleinheit einer Alarmanlage

Title (fr)

Procédé pour la surveillance et le fonctionnement d'une liaison radio entre capteurs et unité centrale d'un système d'alarme

Publication

EP 0599192 B1 19981028 (DE)

Application

EP 93118557 A 19931118

Priority

DE 4239702 A 19921126

Abstract (en)

[origin: EP0599192A1] The invention relates to a method for monitoring and operating a radio link between the monitoring sensors and the central unit of an alarm system. Alarm systems of this kind are preferably used for monitoring industrial or private buildings. To keep the installation work as simple as possible radio alarm systems are often used which comprise a central unit and various indicating units. To ensure operational reliability, data messages are exchanged between the indicating units and the central unit at specific time intervals. The disadvantage of the known radio alarm systems is their high energy consumption, in particular in the case of the indicating units which are run from batteries or accumulators. It is therefore proposed to control the exchange of data messages as a function of the disturbances present in the radio channels. In this way the time interval between the exchanges of data messages can be increased if no disturbances are present.

IPC 1-7

G08B 26/00

IPC 8 full level

G08B 26/00 (2006.01)

CPC (source: EP)

G08B 26/007 (2013.01)

Cited by

EP0742539A1; EP0651362A1; GB2358504A; GB2358504B; GB2330230A; GB2330230B

Designated contracting state (EPC)

AT DE FR GB IT

DOCDB simple family (publication)

EP 0599192 A1 19940601; EP 0599192 B1 19981028; AT E172807 T1 19981115; DE 4239702 C1 19940324; DE 59309097 D1 19981203

DOCDB simple family (application)

EP 93118557 A 19931118; AT 93118557 T 19931118; DE 4239702 A 19921126; DE 59309097 T 19931118