

Title (en)
Radio alarm system

Title (de)
Funkalarmanlage

Title (fr)
Système radio d'alarme

Publication
EP 0484880 B1 19970226 (DE)

Application
EP 91118836 A 19911105

Priority
DE 4035070 A 19901105

Abstract (en)
[origin: EP0484880A2] A radio alarm system is described which offers adequate protection against interference due to blocking of the radio paths and against external manipulation. For this purpose, it is proposed that each signalling unit of the alarm system transmits at least two radio signals for an alarm signal, using a different carrier frequency and being coded in identical or different fashion. The central unit accordingly receives with its receivers the at least two radio signals from each signalling unit and checks the affiliation of the signalling units transmitting the radio signals by checking the validity of the coding. It is proposed in addition that an evaluation unit be provided in the receiver unit of the central unit which identifies the field strength of each received radio signal, analyses the associated data telegrams for affiliation to the system of the signalling units transmitting them, if an invalid data telegram is detected, compares the value of the received field strength of the radio signal concerned with a predefinable minimum value and, if this minimum value is exceeded by a predefinable amount, where this amount must be exceeded for a specific time period, triggers a warning indicator. <IMAGE>

IPC 1-7
G08B 25/10; **G08B 29/16**; **H04B 7/12**

IPC 8 full level
G08B 25/10 (2006.01); **G08B 26/00** (2006.01); **G08B 29/16** (2006.01); **H04B 7/12** (2006.01)

CPC (source: EP)
G08B 25/10 (2013.01); **G08B 26/007** (2013.01); **G08B 29/16** (2013.01)

Cited by
EP0770977A1; WO2005082687A1; EP0607562A1; FR2787905A1; EP2355065A1; EP1884905A1; EP0742539A1; EP0729124A1; DE19539312A1; DE4417632A1; DE4417632C2; EP0772172A1; EP0670693A4; EP0814445A3; EP2416300A4; DE4335815A1; EP0599192A1; FR2708774A1; DE4425530A1; DE4408268A1; DE4408268C2; WO9422118A1; WO02086837A1; WO2008015124A1; US7443286B2

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