Title (en)

Method for radio transmission of measured data of sensors and radio alarm system

Title (de)

Verfahren zur Funkübertragung von Messdaten von Meldesensoren und Funk-Gefahrenmeldeanlage

Title (fr)

Procédé pour la transmission radioélectrique de données des capteurs et système d'alarme radio

Publication

EP 0833288 A3 20000119 (DE)

Application

EP 97116269 A 19970918

Priority

DE 19640362 A 19960930

Abstract (en)

[origin: EP0833288A2] The system includes a message centre with associated danger notification sensors with a radio transceiver for the wireless danger-massage transmission to the message centre. The individual sensors do not transfer their message data directly to the message centre, during unfavourable radio wave propagation expansion conditions, but successively use one or several other sensors as relay stations for the transmission. The transmission path of a sensor over other sensors is preferably. chosen under consideration of a minimal attenuation of the radio field and/or a minimum number of intermediate stations, whereby the radio contact paths extend from the centre in a tree-like structure.

IPC 1-7

G08B 25/10

IPC 8 full level

G08B 25/00 (2006.01); **G08B 25/10** (2006.01)

CPC (source: EP)

G08B 25/009 (2013.01)

Citation (search report)

- [A] EP 0100523 A1 19840215 - MOREY GILLES MARCEL
- [A] US 5027314 A 19910625 - LINWOOD GARY [US], et al
- [A] US 5390206 A 19950214 - REIN ALAN D [US], et al
- [A] DE 4335815 A1 19950427 - HIRSCHMANN RICHARD GMBH CO [DE]
- [X] US 5430433 A 19950704 - SHIMA HIROSHI [JP]
- [X] US 4772876 A 19880920 - LAUD TIMOTHY G [US]
- [X] US 4825457 A 19890425 - LEBOWITZ MAYER M [US]
- [X] US 5381136 A 19950110 - POWERS ROBERT D [US], et al
- [X] FR 2691274 A1 19931119 - SEB SA [FR]

Cited by

FR2855298A1; EP1235192A3; FR2855297A1; FR2857141A1; FR2859301A1; DE10317586B3; DE102004039675A1; DE102004039675B4; NO342364B1; NO20161779A1; DE102004049704B3; EP1647956A3; US7248854B2; US7363036B2; US8194571B2; US7483403B2; EP1282095A2; EP1647956A2; US7394360B2; EP1177541B2

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