

Title (en)

Radio controlled alarm system with substations and safe data transmission

Title (de)

Funkgesteuerte Gefahrenmeldeanlage mit Unterzentralen und sicherer Datenkommunikation zwischen den einzelnen Komponenten

Title (fr)

Système d'alarme commandé par radio avec sous-stations et transmission sûr de données

Publication

EP 0811959 B1 20011128 (DE)

Application

EP 97109071 A 19970605

Priority

DE 19622880 A 19960607

Abstract (en)

[origin: EP0811959A1] The system has a number of remote signal generators (1-7) that communicate bidirectionally with a central station (12) via a number of substations (8-11). Each of the substations is also in bidirectional contact with each other. A number of substations (9-11) may be in direct contact with the central station. The mode of communication is determined by a Received-Signal-Strength-Indicator (RSSI) table which defines channel quality and synchronises substations with central station. The communication channels are constantly monitored, and transmission quality is measured and stored on a microcomputer system of the central station.

IPC 1-7

G08B 25/10; **G08B 25/00**

IPC 8 full level

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

CPC (source: EP)

G08B 25/009 (2013.01); **G08B 25/10** (2013.01)

Cited by

EP2355065A1; US7295127B2; ITMI20101634A1; EP1469437A3; ITTO20110185A1; EP1244081A1; EP1282095A3; EP1477951A3; EP1244082A1; NL1008011C2; EP1204083A1; FR2816430A1; EP1630760A1; FR2787905A1; EP1903523A1; EP1363260A1; FR2839593A1; EP2416300A4; US8155105B2; US9198014B2; US7835343B1; EP1282095A2; US8081073B2; US8714449B2; WO2006067826A1; WO03058569A1; WO9840860A1; WO02086837A1; WO2012117364A1; US7463145B2; US7145466B2; EP2681723A1; US6703931B2; US7714733B2; US9679455B2

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