

Title (en)

A low current RF alarm device mesh network

Title (de)

HF-Alarmvorrichtung-Maschennetzwerk mit Schwachstrom

Title (fr)

Réseau maillé de dispositif d'alarme RF à faible courant

Publication

EP 2581891 B1 20151028 (EN)

Application

EP 12188123 A 20121011

Priority

IE 20110457 A 20111012

Abstract (en)

[origin: EP2581891A2] A wireless alarm device network (1) comprises alarm devices (A-J, L) each having a processor, a wireless communication interface, and a condition sensor. The devices are communicate by wirelessly transmitting messages, and in a learning mode, automatically register in a monitoring cluster according to received signal strengths. A device (A-J, K) recognises a device as being in its cluster if at least received signal strength exceeds a threshold. Each device is adapted to monitor each other device or devices in its cluster, and to generate an alert if it determines that a device in its cluster is not sending messages.

IPC 8 full level

G08B 25/00 (2006.01); **G08B 29/06** (2006.01)

CPC (source: EP)

G08B 25/003 (2013.01); **G08B 25/009** (2013.01); **G08B 29/06** (2013.01)

Cited by

EP2843636A1; FR3013143A1; WO2017072559A1; WO2015071606A1; WO2018115854A3; US10848200B2; EP3093827B1; EP2843636B1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2581891 A2 20130417; **EP 2581891 A3 20140507**; **EP 2581891 B1 20151028**; **EP 2581891 B8 20151230**; IE 20120451 A1 20130508

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