

Title (en)

Alarm system and method by analysis of the signal of a sensor.

Title (de)

Alarmsystem und -verfahren mittels einer Analyse des Signals eines Sensors.

Title (fr)

Procédé et système d'alarme par analyse d'un signal de réception d'un capteur.

Publication

**EP 0572302 A1 19931201 (FR)**

Application

**EP 93401315 A 19930521**

Priority

FR 9206417 A 19920526

Abstract (en)

The present invention relates to an alarm system and method, by analysis of a reception signal originating from a sensor detecting a standing wave regime set up in a vehicle passenger compartment, especially by ultrasonic waves, in such a way as to detect an intrusion into the passenger compartment via the changes in the said standing wave regime. According to the invention, the alarm system includes a microcontroller (M) which produces setting-up signals for a receiver (2) during the learning periods in order to set up, by anticipation, the sensitivity of the system. Vehicle alarms. <IMAGE>

IPC 1-7

**G08B 13/16**

IPC 8 full level

**G01V 1/00** (2006.01); **G08B 13/16** (2006.01); **G08B 13/18** (2006.01)

CPC (source: EP)

**G08B 13/1618** (2013.01)

Citation (search report)

- [A] GB 2050022 A 19801231 - MOSER M
- [A] EP 0482401 A1 19920429 - REINSHAGEN KABELWERK GMBH [DE]
- [A] EP 0368303 A2 19900516 - REINSHAGEN KABELWERK GMBH [DE]

Cited by

FR2756401A1; EP0661679A1; FR2727552A1; US7535351B2

Designated contracting state (EPC)

DE GB IT NL

DOCDB simple family (publication)

**EP 0572302 A1 19931201**; EP 0654768 A1 19950524; FR 2691822 A1 19931203; FR 2691822 B1 19940708; JP H06168382 A 19940614

DOCDB simple family (application)

**EP 93401315 A 19930521**; EP 95100614 A 19930521; FR 9206417 A 19920526; JP 12381493 A 19930526