

Title (en)

Sensor unit and building monitoring system with such sensor units

Title (de)

Sensoreinheit sowie Gebäudeüberwachungssystem mit derartigen Sensoreinheiten

Title (fr)

Unité de capteur et système de surveillance de bâtiment doté de telles unités de capteur

Publication

EP 2333802 A3 20120926 (DE)

Application

EP 10015081 A 20101129

Priority

DE 102009057256 A 20091208

Abstract (en)

[origin: EP2333802A2] The unit (1) has a sensor connected to an electrically controllable sensor circuit (3) for contact-free identity- and position determination. The sensor is connected with a configuration module (12) e.g. radio frequency (RF) or function module, for adjusting its system parameter to input requirements of a central evaluation unit. The sensor is arranged in a sensor module (2), and the configuration module is designed as a separate module connectable with the sensor module. Components for adjusting an electric parameter of the sensor circuit are arranged in the configuration module. The sensor is formed as reed relay, Hall sensor or anisotropic magnetoresistance (AMR)/giant magnetoresistance (GMR) sensor or is designed based on radio frequency identification (RFID).

IPC 8 full level

H01H 36/00 (2006.01); **G08B 13/08** (2006.01); **H03K 17/90** (2006.01)

CPC (source: EP)

E06B 3/22 (2013.01); **H01H 23/145** (2013.01); **H01H 36/0046** (2013.01)

Citation (search report)

- [XYI] DE 202005002797 U1 20050804 - FIESSLER ELEKTRONIK GMBH & CO [DE]
- [XYI] EP 1895329 A2 20080305 - LEUZE LUMIFLEX GMBH & CO KG [DE]
- [X] DE 102005003254 A1 20060810 - SICK AG [DE]
- [A] DE 3041148 A1 19820909 - ALFASYSTEM GMBH [DE]

Cited by

DE102015113167A1; US9970843B2; US10215661B2; US10520388B2; US11199470B2

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2333802 A2 20110615; **EP 2333802 A3 20120926**; **EP 2333802 B1 20170118**; DE 102009057256 A1 20110609; ES 2622124 T3 20170705; PL 2333802 T3 20170731

DOCDB simple family (application)

EP 10015081 A 20101129; DE 102009057256 A 20091208; ES 10015081 T 20101129; PL 10015081 T 20101129