

Title (en)

SECURITY ALARM DEVICE WITH FUNCTION OF ALARM SIGNAL TRANSMISSION TO THE COMPUTERIZED USER DEVICE

Title (de)

SICHERHEITSALARMVORRICHTUNG MIT FUNKTION ZUR ALARMSIGNALÜBERTRAGUNG AN DAS COMPUTERISIERTE BENUTZERGERÄT

Title (fr)

DISPOSITIF D'ALARME DE SÉCURITÉ AVEC FONCTION DE TRANSMISSION DE SIGNAL D'ALARME AU DISPOSITIF UTILISATEUR INFORMATISÉ

Publication

EP 2945132 A2 20151118 (EN)

Application

EP 15020073 A 20150512

Priority

UA U201405220 U 20140516

Abstract (en)

The invention relates to security alarm devices and can be used as alarm device for registration of touches or approaching to the protected object. The invention also provides signal transmission to the computerized user device (smartphone, tablet computer etc.) For achieving above said goals, proposed security alarm device with the function of alarm signal transmission to the computerized user device, comprising the independent current source, control, signaling, indicating unit, whose input port is connected with process controller, safety sensor. According to the invention, process controller has the form of Bluetooth LE microcontroller. At least one capacitance proximity sensor with active shielding and make-break electrodes is used as the safety sensor, which is connected with platen selector and Bluetooth LE microcontroller. Capacitance proximity sensor is combined with control, signaling, indicating unit on the one printed circuit, Bluetooth LE microcontroller and active shield, which has the form of printed circuit track.

IPC 8 full level

G08B 13/14 (2006.01)

CPC (source: EP)

G08B 13/1427 (2013.01)

Citation (applicant)

- RU 86063 Y
- RU 99293 U1 20101120
- UA 83534 U 20130910 - VOLODYMYR DAL EASTERN UKRAINIAN NAT UNIV [UA]
- UA 81947 C2 20080225 - ABRAMOV OLEKSANDR MYKOLAIOVYCH [UA]

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 2945132 A2 20151118; EP 2945132 A3 20160309; UA 93041 U 20140910

DOCDB simple family (application)

EP 15020073 A 20150512; UA U201405220 U 20140516