

Title (en)

Portable device for proximity check and alarm

Title (de)

Tragbare Vorrichtung für Näheüberprüfung und -warnung

Title (fr)

Dispositif portatif pour le test et l'alarme de proximité

Publication

EP 1688896 A1 20060809 (EN)

Application

EP 05002430 A 20050204

Priority

EP 05002430 A 20050204

Abstract (en)

The present invention deals with a device that is able to signal when one or more objects under surveillance go out of its operating range, in order to prevent thefts or simple distractions of the owner of such objects. The reader (B), whose sizes can be compared with those of a small cellular phone, once activated, emits radio waves (C) that energise the TAG (A). Once energised, the TAG provides a perturbation to the radio field (B) by emitting in turn waves at a coded frequency, that the reader is programmed to recognise. The invention can be hidden in any commonly-used object. It is possible to program the reader (B) for recognising up to 50 different TAGs, and its maximum theoretical limit operating range has a substantially circular shape and a radius of about 2 meters.

IPC 8 full level

G08B 13/14 (2006.01)

CPC (source: EP)

G08B 13/1427 (2013.01); **G08B 21/0275** (2013.01)

Citation (search report)

- [X] EP 1191495 A2 20020327 - GADGET GUARD LTD [GB]
- [A] DE 20013491 U1 20010111 - VAIC HELMUT [DE]
- [A] WO 03107294 A2 20031224 - RABANNE MICHAEL C [US], et al
- [A] EP 1251472 A1 20021023 - SONY INT EUROPE GMBH [DE]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1688896 A1 20060809

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