

Title (en)

DEVICE AND METHOD FOR A SECURITY SENSOR

Title (de)

VORRICHTUNG UND VERFAHREN FÜR EINEN SICHERHEITSENSOR

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR UN CAPTEUR DE SÉCURITÉ

Publication

EP 3211614 A1 20170830 (EN)

Application

EP 17275027 A 20170228

Priority

US 201662300958 P 20160229

Abstract (en)

A sensing device (300), comprising: an electromagnetic sensor (401) having a surface with at least one electromagnetic radiation interception area (303); and at least one analog signal processor (408) connected to the electromagnetic sensor. The at least one analog signal processor is adapted to: apply a transfer function (403) to an analog signal (409) received from the electromagnetic sensor to produce a resulting signal (406) having a first substantially constant amplitude when the electromagnetic sensor intercepts radiation from a person (301) and a second substantially constant amplitude when the electromagnetic sensor intercepts radiation from a pet animal (302); determine according to a comparison (404) between the resulting signal and a predetermined amplitude threshold (405) whether a movement of a person or a pet is detected; and deliver an output (407) indicative of the determination.

IPC 8 full level

G08B 13/19 (2006.01); **G08B 13/191** (2006.01)

CPC (source: EP)

G08B 13/19 (2013.01); **G08B 13/191** (2013.01)

Citation (search report)

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- [IY] US 5317620 A 19940531 - SMITH MILTON O [US]
- [Y] US 5670943 A 19970923 - DIPOALA WILLIAM S [US], et al
- [A] WO 0013153 A1 20000309 - ROKONET ELECTRONICS LTD [IL], et al
- [A] US 5077549 A 19911231 - HERSHKOVITZ SHMUEL [CA], et al
- [A] US 2007023662 A1 20070201 - BRADY DAVID J [US], et al
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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

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