

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 B1 20201014 (EN)**

Application

**EP 17275027 A 20170228**

Priority

US 201662300958 P 20160229

Abstract (en)

[origin: EP3211614A1] 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

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CPC (source: EP)

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