

Title (en)

A MONITORING DEVICE, A SYSTEM AND A METHOD FOR MONITORING THE STATUS OF A TRAP FOR VERMIN

Title (de)

VORRICHTUNG, ANORDNUNG UND VERFAHREN ZUR ÜBERWACHUNG EINER SCHÄDLINGSFALLE

Title (fr)

DISPOSITIF, SYSTÈME ET PROCÉDÉ POUR LA SURVEILLANCE D'UN PIÈGE POUR LES ANIMAUX NUISIBLES

Publication

**EP 3054769 A1 20160817 (EN)**

Application

**EP 14793311 A 20141009**

Priority

- IE S20130312 A 20131009
- IE 2014000017 W 20141009

Abstract (en)

[origin: WO2015052694A1] A monitoring device (1) for monitoring springing of a mousetrap (2) comprises a housing (15) on which the mousetrap (2) is supported. A micro-switch (19) located in the housing (15) is held in an open circuit second state by the action of the mousetrap (2) on an engagement member (23) which in turn acts on an actuator arm (20) of the micro-switch (19) for retaining the micro-switch (19) in the open circuit second state. Springing of the mousetrap (2) results in the mousetrap (2) being disengaged from the monitoring device (1), thereby disengaging the engagement member (23). This in turn results in the micro-switch (19) transitioning from the open circuit second state to its normally closed circuit first state. A microprocessor (41 ) on detecting the change of state of the micro-switch (19) operates a transmitter (46) to transmit an alert signal for reception by a remote central communications apparatus, which in turn relays the alert signal to a remote central control station.

IPC 8 full level

**A01M 23/24** (2006.01); **A01M 31/00** (2006.01)

CPC (source: EP)

**A01M 23/24** (2013.01); **A01M 23/245** (2013.01); **A01M 23/30** (2013.01); **A01M 31/002** (2013.01)

Citation (search report)

See references of WO 2015052694A1

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)

**WO 2015052694 A1 20150416**; EP 3054769 A1 20160817

DOCDB simple family (application)

**IE 2014000017 W 20141009**; EP 14793311 A 20141009