

Title (en)

DEVICE FOR DETECTING THE FALLING OF A BODY INTO A POOL

Title (de)

VORRICHTUNG ZUM ERKENNEN DES FALLES EINES KÖRPERS IN EIN SCHWIMMBECKEN

Title (fr)

DISPOSITIF DE DETECTION DE LA CHUTE D' UN CORPS DANS UN BASSIN

Publication

EP 1880373 B1 20091028 (FR)

Application

EP 06743737 A 20060425

Priority

- FR 2006000919 W 20060425
- FR 0504175 A 20050426

Abstract (en)

[origin: FR2884952A1] The device has a probe (1) immersed in the water (20) to sense the propagation of waves. The probe is connected to a compression chamber (8) measuring pressure variations caused by the waves. An electronic unit (4) receives and interprets electric signals representing the pressure variations and has a memory chip to store the signals generated by the wave movement. The unit alters the operating mode of the device between a calm mode, a disturbed mode and an agitated mode according to the amplitude and frequency values of the signals, and triggers an audible alarm (6). An alarm indication may also be sent over a radio link, e.g. to a receiver inside a house. An independent claim is also included for a method for the detection of a fall of a toddler or an animal into a body of water of a basin.

IPC 8 full level

G08B 21/08 (2006.01)

CPC (source: EP US)

G08B 21/084 (2013.01 - EP US)

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 LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

FR 2884952 A1 20061027; FR 2884952 B1 20070706; AT E447220 T1 20091115; AU 2006239101 A1 20061102; CA 2601370 A1 20061102; DE 602006010052 D1 20091210; EP 1880373 A1 20080123; EP 1880373 B1 20091028; US 2008174441 A1 20080724; WO 2006114516 A1 20061102; ZA 200708773 B 20081126

DOCDB simple family (application)

FR 0504175 A 20050426; AT 06743737 T 20060425; AU 2006239101 A 20060425; CA 2601370 A 20060425; DE 602006010052 T 20060425; EP 06743737 A 20060425; FR 2006000919 W 20060425; US 90941906 A 20060425; ZA 200708773 A 20071015