

Title (en)

Method and device for audible signalling of drownings in swimming pools.

Title (de)

Verfahren und Vorrichtung zur akustischen Meldung von Ertrinkenden in Schwimmbädern.

Title (fr)

Méthode et dispositif pour signalisation acoustique de personnes se noyant dans les piscines.

Publication

EP 0283631 B1 19940126 (DE)

Application

EP 87730168 A 19871222

Priority

DE 3709384 A 19870321

Abstract (en)

[origin: US4853691A] The invention describes a method and apparatus for the acoustic signalling of cases of drowning in swimming pools, to guarantee reliable trigger of the alarm while avoiding any false alarms. This is effected basically by a switching element (1) in a water-tight encapsulation, which is disposed beneath the surface of the water and which, in the event of an alarm, triggers a first alarm device (2) and delivers an acoustic signal via a signal horn (5). A transmitter (6) is also connected to the alarm device (2) and transmits the alarm signal to a receiver at a distance and to another alarm device (10). Instead of the switching element (1), a microphone (12) can advantageously be used for cases in which the swimming pool water is frozen.

IPC 1-7

G08B 21/00

IPC 8 full level

G08B 21/00 (2006.01); **G08B 21/08** (2006.01)

CPC (source: EP US)

G08B 21/082 (2013.01 - EP US); **G08B 21/084** (2013.01 - EP US); **Y10S 181/402** (2013.01 - EP US)

Cited by

WO2004083529A1; DE202010010943U1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0283631 A2 19880928; **EP 0283631 A3 19900321**; **EP 0283631 B1 19940126**; AT E100957 T1 19940215; DE 3709384 A1 19881006; DE 3709384 C2 19891130; DE 3788956 D1 19940310; ES 2052600 T3 19940716; JP H0719317 B2 19950306; JP S63241696 A 19881006; US 4853691 A 19890801

DOCDB simple family (application)

EP 87730168 A 19871222; AT 87730168 T 19871222; DE 3709384 A 19870321; DE 3788956 T 19871222; ES 87730168 T 19871222; JP 32016487 A 19871219; US 13603987 A 19871221