

Title (en)
Drowning prevention system

Title (de)
System zum Schutz vor Ertrinken

Title (fr)
Système de prévention de noyade

Publication
EP 2701130 A1 20140226 (EN)

Application
EP 13382309 A 20130730

Priority
ES 201231328 A 20120824

Abstract (en)
Drowning prevention system of the type of those which emit an alarm signal when they detect that a user is submerged in water for a long time. It is specially designed to be used in swimming pools with people who do not know how to swim or can not swim. It comprises at least an radio emitting unit (1) positioned in a safety harness (2) that is placed in the user's head. It comprises an emitter registration unit (3) that controls the activation of the emitting units (1) and comprises an antenna that receives the signals of the emitting units (1) and a CPU unit (4) that processes them sending an alarm signal in case of not detecting signal from an emitting unit (1) for a predetermined time. There is a communications unit (5) that collects and sends information about registrations and cancellations of the emitting units (1) and system incidences.

IPC 8 full level
G08B 21/08 (2006.01)

CPC (source: EP ES)
G08B 21/088 (2013.01 - EP ES)

Citation (applicant)

- US 5907281 A 19990525 - MILLER JR BENJAMIN K [US], et al
- EP 1492069 A1 20041229 - BORER JEAN-PIERRE [CH]
- EP 1950720 A2 20080730 - KAINAN HIGH SCHOOL OF COMMERCE [TW]
- US 6111510 A 20000829 - COFFELT JR LOUIS ARTHUR [US]
- US 2004095248 A1 20040520 - MANDEL YARON NAHUM [CA]
- WO 2004086327 A1 20041007 - QINETIQ LTD [GB], et al

Citation (search report)

- [X1] US 2007132578 A1 20070614 - POWELL MICHAEL J [AU]
- [A] US 2010182151 A1 20100722 - YANG PING-HSUN [TW]
- [A] FR 2847059 A1 20040514 - ECRI ELECTRONIC [FR]

Cited by
US10943456B1; WO2016023138A1

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)
EP 2701130 A1 20140226; ES 2444295 A1 20140224; ES 2444295 B1 20141209

DOCDB simple family (application)
EP 13382309 A 20130730; ES 201231328 A 20120824