

Title (en)

DEVICE FOR DETECTING A BODY FALLING IN A POOL

Title (de)

EINRICHTUNG ZUM DETEKTIEREN EINES IN EINEN POOL FALLENDEN KÖRPERS

Title (fr)

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

Publication

EP 1902433 A1 20080326 (FR)

Application

EP 05786098 A 20050701

Priority

FR 2005001689 W 20050701

Abstract (en)

[origin: WO2007003719A1] The invention concerns a device for detecting a body falling in a volume of water (20) of a pool comprising a probe (1) adapted to transmit aquatic waves propagated in the pool (20) and an electronic unit (4) adapted to receive and interpret electric signals representing pressure variations caused by the aquatic waves received by the probe. The probe (1) has a free end (11) immersed in the pool (20) and a substantially vertical axis (12). The device further comprises an immersed rigid obstacle (3) extending between the immersed end of the probe and the surface of the volume of water of the pool in a plane substantially perpendicular to the axis of the immersed probe. The rigid obstacle (3) enables disturbances caused by the surface waves to be eliminated from the measurements of pressure variations caused by the aquatic waves in the probe (1).

IPC 8 full level

G08B 21/08 (2006.01)

CPC (source: EP US)

G08B 21/084 (2013.01 - EP US)

Citation (search report)

See references of WO 2007003719A1

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2007003719 A1 20070111; EP 1902433 A1 20080326; US 2010079293 A1 20100401

DOCDB simple family (application)

FR 2005001689 W 20050701; EP 05786098 A 20050701; US 99367805 A 20050701