Title (en)

MARINE SECURITY SYSTEM

Title (de)

MARINES SICHERHEITSSYSTEM

Title (fr)

SYSTEME DE SECURITE MARIN

Publication

EP 2250079 A2 20101117 (DE)

Application

EP 09718074 A 20090303

Priority

- EP 2009052498 W 20090303
- DE 102008013291 A 20080307

Abstract (en)

[origin: CA2716656A1] The invention proposes a marine security system, which comprises at least two different monitoring elements (IRC, IRS) and a controller (PC) connected thereto in particular for warding off pirates, said controller triggering an alarm and/or activating alarm devices as a function of the displays of the different monitoring elements. In addition, at least two separate line systems (LA, LB) and outlets (DA, DB) connected thereto are provided, from which at least one substance can be discharged. In the event of an alarm, at least one substance is specifically supplied to the outlets (DA, DB), wherein said outlets are installed in different locations or sections (A1A5, B1-B5) of the hull (S) and can be specifically activated there. The outlets (DA, DB) may also have different designs in order to optimally discharge the respective substance, for example by atomizing, nebulizing, spraying or pouring.

IPC 8 full level

B63G 13/00 (2006.01); **F41H 9/04** (2006.01); **G08B 15/02** (2006.01)

CPC (source: EP KR US)

B63G 13/00 (2013.01 - EP KR US); **F41B 9/0087** (2013.01 - EP US); **F41H 9/04** (2013.01 - EP US); **F41H 11/00** (2013.01 - EP US); **F41H 13/00** (2013.01 - EP US); **G08B 15/02** (2013.01 - EP US); B63B 2017/045 (2013.01 - EP US)

Citation (search report)

See references of WO 2009109571A2

Designated contracting state (EPC)

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 SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

DE 102008013291 A1 20090910; **DE 102008013291 B4 20100610**; AU 2009221129 A1 20090911; AU 2014210675 A1 20140828; BR PI0909642 A2 20150922; CA 2716656 A1 20090911; CN 101970289 A 20110209; CN 101970289 B 20140611; DE 202008017809 U1 20100812; DE 202008017811 U1 20100812; EP 2250079 A2 20101117; EP 2250079 B1 20140723; JP 2011513129 A 20110428; KR 20110018288 A 20110223; MY 156082 A 20160115; RU 2010140849 A 20120420; RU 2514955 C2 20140510; SG 188871 A1 20130430; US 2011102200 A1 20110505; US 2014240149 A1 20140828; US 8754787 B2 20140617; WO 2009109571 A2 20090911; WO 2009109571 A3 20100916

DOCDB simple family (application)

DE 102008013291 A 20080307; AU 2009221129 A 20090303; AU 2014210675 A 20140811; BR PI0909642 A 20090303; CA 2716656 A 20090303; CN 200980108038 A 20090303; DE 202008017809 U 20080307; DE 202008017811 U 20080307; EP 09718074 A 20090303; EP 2009052498 W 20090303; JP 2010549124 A 20090303; KR 20107019872 A 20090303; MY PI20104089 A 20090303; RU 2010140849 A 20090303; SG 2013017223 A 20090303; US 201414268253 A 20140502; US 92048709 A 20090303