

Title (en)

METHOD FOR DETECTING ANOMALIES ON A SUBMARINE OBJECT

Title (de)

VERFAHREN ZUM AUFSPÜREN VON ANOMALIEN AN EINEM UNTERWASSEROBJEKT

Title (fr)

PROCEDE DE REPERAGE D'ANOMALIES SUR UN OBJET SOUS-MARIN

Publication

EP 2440449 A1 20120418 (DE)

Application

EP 10723085 A 20100525

Priority

- EP 2010057172 W 20100525
- DE 102009024342 A 20090609

Abstract (en)

[origin: WO2010142526A1] The invention relates to a method for detecting anomalies on a submarine object, in particular in the submarine region on a hull (15) of a moored watercraft (11), which method carries out very reliable sensing of the submarine object by way of an unmanned small submarine vehicle (17) that is equipped with simple sensor equipment, such as an acoustic sensor (20) for measuring distances and a barometric cell (21) for determining depth, and which method obtains a profile of the submarine object by navigating the small submarine vehicle (17) with a constant transversal distance to the submarine object, in which profile an anomaly present on the submarine object becomes is apparent from the profile line.

IPC 8 full level

B63C 11/42 (2006.01); **B63G 9/00** (2006.01)

CPC (source: EP US)

B63C 11/42 (2013.01 - EP US); **B63G 9/00** (2013.01 - EP US)

Citation (search report)

See references of WO 2010142526A1

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 SE SI SK SM TR

DOCDB simple family (publication)

DE 102009024342 B3 20101125; DE 102009024342 B9 20120105; EP 2440449 A1 20120418; EP 2440449 B1 20130403; US 2012103245 A1 20120503; US 8820261 B2 20140902; WO 2010142526 A1 20101216

DOCDB simple family (application)

DE 102009024342 A 20090609; EP 10723085 A 20100525; EP 2010057172 W 20100525; US 201013322085 A 20100525