Title (en)

METHOD AND SYSTEM FOR RECONNOITERING A REGION UNDER WATER

Title (de)

VERFAHREN UND SYSTEM ZUR AUFKLÄRUNG EINES GEBIETES UNTER WASSER

Title (fr)

PROCÉDÉ ET SYSTÈME DE DÉMINAGE D'UNE ZONE SOUS-MARINE

Publication

EP 2598396 A1 20130605 (DE)

Application

EP 10750026 A 20100730

Priority

DE 2010000905 W 20100730

Abstract (en)

[origin: WO2012013171A1] The invention relates to a method for reconnoitering a region under water by means of torpedo-shaped underwater vehicle (10), which travels through a reconnaissance region (100) and at the same time detects the surroundings of the torpedo-shaped underwater vehicle (10) by means of one or more sensors arranged on board the torpedo-shaped underwater vehicle (10) and produces sensor data of the region (100) to be reconnoitered that surrounds the torpedo-shaped underwater vehicle (10). While the torpedo-shaped underwater vehicle (10) travels through the reconnaissance region (100), the torpedo-shaped underwater vehicle (10) also transports one or more unmanned underwater vehicles, subsequently referred to as UUVs (12). The transported UUVs (12) are released under water in the reconnaissance region (100) and themselves produce sensor data of the region to be reconnoitered that surrounds the UUV (12) by means of sensors (24) arranged on board the UUV (12). The invention further relates to a system comprising a torpedo-shaped underwater vehicle (10) having a transport chamber (22) and unmanned underwater vehicles (12) that can be transported in the transport chamber (22) of the torpedo-shaped underwater vehicle (10).

IPC 8 full level

B63B 7/02 (2006.01); **B63G 7/02** (2006.01); **B63G 8/00** (2006.01)

CPC (source: EP)

B63G 7/02 (2013.01); **B63G 8/001** (2013.01); B63G 2008/004 (2013.01); B63G 2008/008 (2013.01)

Citation (search report)

See references of WO 2012013171A1

Cited by

DE102020124476A1

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)

WO 2012013171 A1 20120202; EP 2598396 A1 20130605; EP 2598396 B1 20181226

DOCDB simple family (application)

DE 2010000905 W 20100730; EP 10750026 A 20100730