

Title (en)

Unmanned submarine and method for operating an unmanned submarine

Title (de)

Unbemanntes Unterwasserfahrzeug und Verfahren zum Betrieb eines unbemannten Unterwasserfahrzeugs

Title (fr)

Véhicule sous-marin inhabité et procédé de fonctionnement d'un véhicule sous-marin inhabité

Publication

EP 2423101 A3 20180228 (DE)

Application

EP 11178897 A 20110825

Priority

DE 102010035898 A 20100831

Abstract (en)

[origin: EP2423101A2] The unmanned underwater vehicle (1) has a sensor unit (7) arranged in a tangential direction (12). The sensor unit is arranged tangentially to a longitudinal axis (14) of the underwater vehicle, or parallel to longitudinal axis. A positioning device (13) is positionable in the tangential direction by pre-determining the sensor information (8). An independent claim is also included for a method for operating an unmanned underwater vehicle.

IPC 8 full level

B63C 11/42 (2006.01); **B63G 8/38** (2006.01)

CPC (source: EP US)

B63C 11/42 (2013.01 - US); **B63G 8/001** (2013.01 - EP); **B63G 8/38** (2013.01 - EP US); **B63G 2008/004** (2013.01 - EP)

Citation (search report)

- [X] US 2010153050 A1 20100617 - ZUMBERGE MARK A [US], et al
- [A] WO 8503269 A1 19850801 - PADO JOHN THOMAS

Cited by

EP3620367A1

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 2423101 A2 20120229; EP 2423101 A3 20180228; EP 2423101 B1 20191204; AU 2011204919 A1 20120315; AU 2011204919 B2 20120823; CA 2747128 A1 20120229; CA 2747128 C 20140708; DE 102010035898 B3 20120216; JP 2012051561 A 20120315; US 2012048171 A1 20120301; US 8701584 B2 20140422

DOCDB simple family (application)

EP 11178897 A 20110825; AU 2011204919 A 20110721; CA 2747128 A 20110722; DE 102010035898 A 20100831; JP 2011188904 A 20110831; US 201113221197 A 20110830