Title (en)
UNDERWATER SYSTEM AND METHOD FOR ITS OPERATION

Title (de)
UNTERWASSERARBEITSSYSTEM UND VERFAHREN ZUM BETRIEB EINES UNTERWASSERARBEITSSYSTEMS

Title (fr)
SYSTÈME SOUS-MARINE ET MÉTHODO POUR L'OPERATION DU MÊME

Publication
EP 2830934 A1 20150204 (DE)

Application
EP 13710283 A 20130213

Priority
• DE 102012006565 A 20120330
• DE 2013100053 W 20130213

Abstract (en)
[origin: CA2866295A1] The invention relates to an underwater working system (1) having at least one autonomous unmanned submarine vehicle (2) and an unmanned relay vehicle (4) floating on the surface (3) of the water, said relay vehicle (4) having a radio antenna (5) for external communication and a drive (16). The submarine vehicle (2) is connected to the relay vehicle (4) via an internal communications device. The invention also relates to a method for operating an underwater working system. In order to create an underwater working system having an autonomous submarine vehicle and an unmanned relay vehicle floating on the surface of the water, and also a method for operating such an underwater working system, which provides an increased level of performance of the autonomous submarine vehicle (2) with short mission times, provision is made according to the invention for the relay vehicle (4) to be controllable by means of a control unit (16) taking into account navigation information (17) via the at least one autonomous submarine vehicle (2).

IPC 8 full level
B63G 8/00 (2006.01); **B63G 8/42** (2006.01)

CPC (source: EP GB US)
B63G 8/001 (2013.01 - EP GB US); **B63G 8/39** (2013.01 - US); **B63G 8/42** (2013.01 - EP GB US); B63G 2008/004 (2013.01 - US)

Citation (search report)
See references of WO 2013143528A1

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)
DE 102012006565 A1 20131002; AU 2013242589 A1 20141016; AU 2013242589 B2 20160512; CA 2866295 A1 20131003;
CA 2866295 C 20190903; DE 112013001824 A5 20141211; DK 2830934 T3 20180614; EP 2830934 A1 20150204; EP 2830934 B1 20180404;
GB 201401862 D0 20140319; GB 201406433 D0 20140521; GB 2506817 A 20140409; GB 2506817 B 20140709; GB 2510990 A 20140820;
GB 2510990 B 20141022; NO 2945856 T3 20180721; PT 2830934 T 20180606; US 2015046014 A1 20150212; US 9669912 B2 20170606;
WO 2013143528 A1 20131003

DOCDB simple family (application)
DE 102012006565 A 20120330; AU 2013242589 A 20130213; CA 2866295 A 20130213; DE 112013001824 T 20130213;
DE 2013100053 W 20130213; DK 13710283 T 20130213; EP 13710283 A 20130213; GB 201401862 A 20130213; GB 201406433 A 20130213;
NO 13814160 A 20131223; PT 13710283 T 20130213; US 201314387238 A 20130213