

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  
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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).

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

Citation (examination)  
• US 6376762 B1 20020423 - FRENCH DANIEL W [US], et al  
• US 7337741 B1 20080304 - ANSAY MICHAEL T [US], et al

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DE102020124476A1

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