

Title (en)  
UNDERWATER ANTENNA APPARATUS COMPRISING A NON-STATIONARY ANTENNA AND UNDERWATER VESSEL

Title (de)  
UNTERWASSERANTENNENVORRICHTUNG MIT EINER ORTSVERÄNDERLICHEN ANTENNE SOWIE UNTERWASSERFAHRZEUG

Title (fr)  
DISPOSITIF D'ANTENNE SOUS-MARINE COMPORTANT UNE ANTENNE MOBILE, ET VÉHICULE SOUS-MARIN

Publication  
**EP 2862232 B1 20190619 (DE)**

Application  
**EP 13708070 A 20130130**

Priority  

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- DE 102012011985 A 20120616
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Abstract (en)  
[origin: WO2013185749A1] The invention relates to an underwater antenna apparatus comprising a non-stationary antenna, an extension device and a return positioning device, wherein an extension force in an extension force direction can be impressed by the extension device of the antenna and a counterforce acting in opposition to the extension force in a counterforce direction can be impressed by the return positioning device of the antenna, characterized in that the return positioning device or part of the return positioning device is configured so as to be non-stationary in a defined manner, with the result that by changing the location in a defined manner, the antenna can be positioned in a retracted position, an extended position or an intermediate position.

IPC 8 full level  
**B65H 75/42** (2006.01); **B65H 75/44** (2006.01); **H01Q 1/04** (2006.01); **H01Q 1/08** (2006.01); **H01Q 1/10** (2006.01); **H01Q 1/34** (2006.01); **B63G 8/38** (2006.01)

CPC (source: EP KR US)  
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Citation (examination)  

- WO 2004039666 A1 20040513 - ATLAS ELEKTRONIK GMBH [DE]
- US 3158865 A 19641124 - MAX MCCORKLE
- FR 2851339 A1 20040820 - THALES SA [FR]

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DOCDB simple family (publication)  
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