

Title (en)  
A CONTROLLABLE BUOYANCY SYSTEM

Title (de)  
REGELBARES AUFTRIEBSSYSTEM

Title (fr)  
SYSTÈME DE FLOTTABILITÉ CONTRÔLABLE

Publication  
**EP 2464564 A4 20130417 (EN)**

Application  
**EP 09831313 A 20091209**

Priority  

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Abstract (en)  
[origin: WO2010065999A1] The present system provides a buoyancy system for moving an object (401) in a body of water. The system comprises at least one inflatable body (17) which, when inflated, increases the buoyancy of the object (401), and an inflation apparatus (37) to inflate the at least one inflatable body (17). The system also comprises an activation system (21) to activate the inflation apparatus (37). Upon activation of the activation system (21) the inflation apparatus (37) causes gas to flow to the at least one inflatable body (17), causing the object (401) to move. The inflation apparatus may comprise a hydrostatic sensor (407) and pressure relief valves (91, 93) to automatically control the depth of the object and a guide wire (411) to aid locate the object on the surface.

IPC 8 full level  
**B63C 7/10** (2006.01); **B63B 35/00** (2006.01); **B63B 38/00** (2006.01); **B63C 9/28** (2006.01); **B63G 8/40** (2006.01); **B64C 1/34** (2006.01); **B64D 25/00** (2006.01); **B64D 47/00** (2006.01); **E02B 17/02** (2006.01); **E02D 29/09** (2006.01)

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Citation (search report)  

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