Title (en)
IMPROVEMENTS IN OR RELATING TO FLOATATION DEVICES

Title (de)
VERBESSERUNGEN AN UND IN ZUSAMMENHANG MIT FLOTATIONSVORRICHTUNGEN

Title (fr)
AMÉLIORATIONS DANS ET CONCERNANT DES DISPOSITIFS DE FLOTTATION

Publication
EP 2358585 A1 20110824 (EN)

Application
EP 09748462 A 20091104

Priority
- GB 2009051481 W 20091104
- GB 0820333 A 20081106

Abstract (en)
[origin: GB2465170A] A floatation device 100 is provided comprising a buoyancy chamber (110, Fig 1); a cryogen reservoir (210, Fig 2A); and a heating pipe (310, Fig 3A) providing switchable fluid communication between the cryogen reservoir and the buoyancy chamber. The buoyancy chamber, cryogen reservoir and heating pipe may at least partially be contained within a housing 112. A method of raising an item from the seabed is also provided. The method comprises the steps of lowering a floatation device to the seabed; attaching the floatation device to the item to be raised; creating a supercritical fluid within a portion of the floatation device; and allowing the floatation device and the item to rise to the surface using the buoyancy of the supercritical fluid to raise the item to the surface.

IPC 8 full level
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