

Title (en)
Torpedo recovery device

Title (de)
Torpedorückgewinnungsvorrichtung

Title (fr)
Dispositif de récupération de torpille

Publication
EP 2107335 A1 20091007 (EN)

Application
EP 08425220 A 20080403

Priority
EP 08425220 A 20080403

Abstract (en)
A recovery device (2) for a torpedo (1), the device being housed in the torpedo and having a breakable housing (8) designed to in no way affect the streamline profile of the torpedo (1); an inflatable annular bag (13) housed in a circumferential seat (12) inside the housing (8); a pressurized-gas feed device (36); and actuating means (41, 45) for inflating the bag (13) with pressurized gas in the presence of an activating signal; inflation of the bag (13) detaches the housing (8), and the inflated bag (13) assumes a toroidal shape about the torpedo (1) to achieve positive buoyancy of and so raise the torpedo to the surface.

IPC 8 full level
F42B 19/44 (2006.01)

CPC (source: EP)
F42B 19/44 (2013.01)

Citation (applicant)
JP 2001141400 A 20010525 - ISHIKAWAJIMA HARIMA HEAVY IND

Citation (search report)

- [XY] JP 2001141400 A 20010525 - ISHIKAWAJIMA HARIMA HEAVY IND
- [Y] US 4271552 A 19810609 - SANDLER CHARLES S
- [Y] US 3648312 A 19720314 - MAY GERALD L
- [XY] JP S61238587 A 19861023 - MITSUBISHI HEAVY IND LTD
- [Y] US 1998805 A 19350423 - DRIGGS HOUSTON H
- [X] US 2949877 A 19600823 - NEWBURN FLOYD A, et al
- [A] GB 190911857 A 19090708 - DURIGNIEUX PAUL [FR]
- [A] US 5824946 A 19981020 - CWALINA DAVID S [US]

Cited by
ITTO20090836A1; KR101144014B1

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DE FR GB IT

Designated extension state (EPC)
AL BA MK RS

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