

Title (en)

Protection device for a tether cable of a submerged object

Title (de)

Schutzvorrichtung für ein Versorgungskabel eines Unterwassergegenstandes

Title (fr)

Dispositif de protection d'un câble de liaison d'un objet sous-marin

Publication

**EP 1167178 A1 20020102 (FR)**

Application

**EP 01401559 A 20010614**

Priority

FR 0007896 A 20000621

Abstract (en)

The boat has a central cable winch (11) carrying the main cable attached to the object. Protection assembly comprises a dead weight (16) with a cable guide (24) mounted on this central cable winch (11). Two other winches (10,12) are placed at the corners of the boat deck (2). The corner winches are supporting two cables (13,15) attached at the other end to the dead weight (16). Rods (17,20) are transversal to the cables. Independent claims are also included for the software for computer or automate and the medium storing the software.

Abstract (fr)

Le dispositif est destiné à la protection pour câble reliant un bateau 1 en surface et un objet sous-marin 6, et comprend un corps mort 16, un guide-câble 24 associé au corps mort, au moins deux câbles de support du corps mort, et au moins un organe de liaison 17 monté sensiblement transversalement aux câbles de support. <IMAGE>

IPC 1-7

**B63B 21/66**

IPC 8 full level

**B63B 21/66** (2006.01); **B63C 11/42** (2006.01)

CPC (source: EP)

**B63B 21/66** (2013.01); **B63C 11/42** (2013.01)

Citation (search report)

- [A] GB 2186854 A 19870826 - GECO AS
- [A] US 4184209 A 19800115 - CRIST RALPH P [US]
- [A] FR 2296562 A1 19760730 - INST FRANCAIS DU PETROLE [FR]
- [A] DE 921781 C 19541230 - HOCHSEEFISCHEREI NORDSTERN A G
- [A] FR 908304 A 19460405

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**EP 1167178 A1 20020102**; **EP 1167178 B1 20050831**; AT E303289 T1 20050915; DE 60113008 D1 20051006; DE 60113008 T2 20060629; DK 1167178 T3 20060109; FR 2810627 A1 20011228; FR 2810627 B1 20020830

DOCDB simple family (application)

**EP 01401559 A 20010614**; AT 01401559 T 20010614; DE 60113008 T 20010614; DK 01401559 T 20010614; FR 0007896 A 20000621