

Title (en)

Under-water buoy equipped with hydrodynamic stabilisation means, to be suspended, particularly from a helicopter.

Title (de)

Unterwasserboje mit hydrodynamischen Stabilisierungsmitteln zum Aufhängen geeignet, insbesondere an einen Hubschrauber.

Title (fr)

Bouée sous-marine munie de moyens de stabilisation hydrodynamique, et destinée à être suspendue, notamment à un hélicoptère.

Publication

EP 0337849 A1 19891018 (FR)

Application

EP 89400919 A 19890404

Priority

FR 8804829 A 19880412

Abstract (en)

The invention relates to sonar buoys suspended from a helicopter. <??>It consists in replacing the lower stabilisation ring (13) of such a buoy with a set of ailerons (15, 16) which are folded up against the body (10) of the buoy when it descends through the water, and are unfolded when it rises in order to form a stabilising ring around the bottom of this body. <??>It enables such a buoy to be stabilised both when it is descending and when it is rising. <IMAGE>

IPC 1-7

B63B 22/18; **G10K 11/00**

IPC 8 full level

B63B 22/00 (2006.01); **G10K 11/00** (2006.01)

CPC (source: EP US)

B63B 22/003 (2013.01 - EP US); **G10K 11/006** (2013.01 - EP US)

Citation (search report)

- [A] FR 2438588 A2 19800509 - FRANCE ETAT
- [A] EP 0024988 A1 19810311 - THOMSON CSF [FR]

Cited by

WO2008110636A1

Designated contracting state (EPC)

DE ES GB IT NL

DOCDB simple family (publication)

EP 0337849 A1 19891018; **EP 0337849 B1 19920212**; AU 3266989 A 19891019; AU 617786 B2 19911205; CA 1331112 C 19940802; DE 68900820 D1 19920326; ES 2029119 T3 19920716; FR 2629787 A1 19891013; FR 2629787 B1 19910125; US 4954110 A 19900904

DOCDB simple family (application)

EP 89400919 A 19890404; AU 3266989 A 19890411; CA 596365 A 19890411; DE 68900820 T 19890404; ES 89400919 T 19890404; FR 8804829 A 19880412; US 33605889 A 19890411