

Title (en)

AIR-DROPPED BUOY WITH AERODYNAMIC AND INERTIAL RELEASES

Publication

EP 0015177 B1 19820929 (FR)

Application

EP 80400140 A 19800129

Priority

FR 7905002 A 19790227

Abstract (en)

[origin: ES8100192A1] A radio buoy which can be jettisoned from an aircraft by a cable and which is intended to float on the surface of the ocean connected to a submerged hydrophone. During the drop a balloon is inflated by a forced intake of air through holes as a result of articulated openings in the form of scoops, the scoops unlocking by a bar the protective casing of the balloon and the safety device of the container, which is detached after impact with the water, the submerged container being linked with the electronics by a cable. The buoy can be used for underwater monitoring at depths up to 2,000 meters.

IPC 1-7

B63B 21/52; **G10K 11/00**; **G01V 1/38**

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)

Cited by

CN111362090A; GB2218950A; GB2218950B

Designated contracting state (EPC)

DE GB IT NL

DOCDB simple family (publication)

EP 0015177 A1 19800903; **EP 0015177 B1 19820929**; AR 226299 A1 19820630; AU 524817 B2 19821007; AU 5488080 A 19800904; BR 8001121 A 19801104; CA 1130144 A 19820824; DE 3060884 D1 19821111; ES 488934 A0 19801101; ES 8100192 A1 19801101; FR 2450193 A1 19800926; FR 2450193 B1 19820205; NO 152203 B 19850513; NO 152203 C 19850821; NO 800543 L 19800828; US 4295211 A 19811013

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EP 80400140 A 19800129; AR 28002880 A 19800220; AU 5488080 A 19800123; BR 8001121 A 19800226; CA 346181 A 19800221; DE 3060884 T 19800129; ES 488934 A 19800226; FR 7905002 A 19790227; NO 800543 A 19800226; US 12381780 A 19800222