

Title (en)

BUOY ACTING AS A BIDIRECTIONAL RELAY BETWEEN AN UNDERWATER ULTRASONIC SIGNAL EMITTER-RECEIVER CAPSULE AND A LAND BASE

Publication

EP 0291041 B1 19930303 (FR)

Application

EP 88107602 A 19880511

Priority

LU 86877 A 19870513

Abstract (en)

[origin: EP0291041A1] The buoy comprises an acoustic emitter (4) for transmitting commands to the underwater capsule, hydrophones (5) for receiving acoustic signals from the capsule, amplifying and coding means (27) delivering digital signals in response to these signals, a radio-broadcasting system (21, 19) and electrical supply means (14, 28). The amplifying and coding means (27) are associated with a memory (25) allowing the most recent signals or their digital equivalents to be stored for at least a few weeks under the supervision of a computer (20). The radio-broadcasting means comprise an omnidirectional antenna (19) for linking with a geostationary satellite, and the supply means comprise accumulators (28) recharged by solar panels (14). <IMAGE>

IPC 1-7

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

IPC 8 full level

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

CPC (source: EP)

B63B 22/00 (2013.01); **G10K 11/006** (2013.01)

Cited by

ES2239493A1; CN114255657A; EP0408179A3; FR2674338A1; CN111204411A; US7509841B2; US7387012B2; WO2012079559A3; DE102010053614A1; WO2012079559A2

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