

Title (en)
SUBMERGED BUOY

Title (de)
UNTERWASSERBOJE

Title (fr)
BALISE IMMERGEE

Publication
EP 2193070 B1 20110302 (FR)

Application
EP 08847956 A 20080828

Priority
• FR 2008001213 W 20080828
• FR 0706107 A 20070831

Abstract (en)
[origin: FR2920403A1] The beacon (1) has a case enclosing a radio acoustic signal receiver (4), and a mooring rope (11) attached to a mooring point at one end. An electro-mechanical type releasing mechanism i.e. gear motor (7), is enclosed in a sealed tank (5) constituting a reserve of buoyancy. The mechanism controls a ratchet (8) for blocking or allowing free rotation of a winding drum (10) around which the rope is spooled. The gear motor drives the ratchet in cooperation with teeth (9) for forming a ratchet mechanism to ensure unwinding of the rope when a signal is sent to the receiver.

IPC 8 full level
B63B 22/06 (2006.01)

CPC (source: EP US)
B63B 22/06 (2013.01 - EP US); **B63C 7/26** (2013.01 - EP US)

Cited by
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Designated contracting state (EPC)
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DOCDB simple family (publication)
FR 2920403 A1 20090306; FR 2920403 B1 20091106; AT E500127 T1 20110315; CA 2698302 A1 20090514; CA 2698302 C 20150623; DE 602008005328 D1 20110414; EP 2193070 A2 20100609; EP 2193070 B1 20110302; ES 2362061 T3 20110627; PT 2193070 E 20110601; US 2011034094 A1 20110210; US 8353735 B2 20130115; WO 2009060142 A2 20090514; WO 2009060142 A3 20091015

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