

Title (en)  
SYSTEM FOR SECURING A SUBMERGED BEACON

Title (de)  
SYSTEM ZUR BEFESTIGUNG EINER UNTERWASSERBAKE

Title (fr)  
SYSTEME DE SECURISATION D'UNE BALISE IMMERGEE

Publication  
**EP 3577019 B1 20210324 (FR)**

Application  
**EP 18705444 A 20180131**

Priority  
• FR 1750845 A 20170201  
• FR 2018050231 W 20180131

Abstract (en)  
[origin: CA3051886A1] The present invention relates to a system (1) for securing a submerged beacon (2) including a signalling element (7) floating on the surface and connected to the beacon (2) by a link (8), said securing system (1) being characterised in that it includes a reversible coupling device comprising an attachment member secured to the end of the link (8) opposite the signalling element (7), a complementary attachment member rigidly connected to the beacon (2) and capable of engaging with said attachment member in order to allow the link (8) to be secured to or released from the beacon (2), a pressure sensor, a control unit associated with a time-measurement unit, said control unit ordering said complementary attachment member to separate from said attachment member when a pressure variation, measured by associating said pressure sensor and said time-measurement unit, is higher than a set value.

IPC 8 full level  
**B63B 22/08** (2006.01); **B63B 22/14** (2006.01); **B63B 45/00** (2006.01); **B63C 7/26** (2006.01)

CPC (source: EP US)  
**B63B 22/08** (2013.01 - EP); **B63B 22/14** (2013.01 - EP US); **B63B 45/00** (2013.01 - EP US); **B63C 7/26** (2013.01 - EP US);  
**B63B 35/14** (2013.01 - EP US)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**FR 3062369 A1 20180803; FR 3062369 B1 20190322**; AU 2018216270 A1 20190822; CA 3051886 A1 20180809; CL 2019002122 A1 20191018; CN 110520352 A 20191129; CN 110520352 B 20211210; DK 3577019 T3 20210628; EP 3577019 A1 20191211; EP 3577019 B1 20210324; EP 3577019 B8 20210616; ES 2877594 T3 20211117; JP 2020506106 A 20200227; JP 7109796 B2 20220801; MA 47422 B1 20210729; MX 2019009058 A 20200130; PT 3577019 T 20210630; US 11097811 B2 20210824; US 2019351978 A1 20191121; WO 2018142073 A1 20180809

DOCDB simple family (application)  
**FR 1750845 A 20170201**; AU 2018216270 A 20180131; CA 3051886 A 20180131; CL 2019002122 A 20190729; CN 201880008966 A 20180131; DK 18705444 T 20180131; EP 18705444 A 20180131; ES 18705444 T 20180131; FR 2018050231 W 20180131; JP 2019540321 A 20180131; MA 47422 A 20180131; MX 2019009058 A 20180131; PT 18705444 T 20180131; US 201816482820 A 20180131