

Title (en)  
SYSTEM FOR LAUNCHING AND RECOVERING MARINE AND SUBMARINE DEVICES ASSISTED BY TILTABLE PROTECTIVE COMPONENTS

Title (de)  
SYSTEM ZUM AUSSETZEN UND BERGEN VON SEE- UND UNTERSEEVORRICHTUNGEN MIT UNTERSTÜTZUNG DURCH KIPPBARE SCHUTZKOMPONENTEN

Title (fr)  
SYSTÈME DE MISE A L'EAU ET DE RÉCUPÉRATION D'ENGIN MARIN ET SOUS-MARIN ASSISTÉ PAR DES PROTECTIONS INCLINABLES

Publication  
**EP 3209546 A1 20170830 (FR)**

Application  
**EP 15784397 A 20151023**

Priority  
• FR 1402392 A 20141024  
• EP 2015074624 W 20151023

Abstract (en)  
[origin: WO2016062870A1] The invention concerns the maritime field and relates to a system for launching and recovering (1) a marine or submarine device (7) from a support vessel (6), the system comprising a carriage (2) and at least one protective component (5). The invention is characterized in that each protective component (5) is connected to the carriage (2) by a pivot connection of which the axis, when the launch and recovery device is secured to the vessel (6), is parallel to the surface of the water (25); and in that at least one protective component (5) is suitable for raising the marine or submarine device (7) partially out of the water during recovery and for placing the marine or submarine device (7) in the water during a launch, by rotation of the protective component(s) (5) about the carriage (2).

IPC 8 full level  
**B63B 23/32** (2006.01)

CPC (source: EP US)  
**B63B 23/32** (2013.01 - EP US); **B63B 35/40** (2013.01 - US); **B63B 2035/405** (2013.01 - US)

Citation (search report)  
See references of WO 2016062870A1

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2016062870 A1 20160428**; CA 2965577 A1 20160428; CA 2965577 C 20221206; DK 3209546 T3 20191104; EP 3209546 A1 20170830; EP 3209546 B1 20190731; FR 3027585 A1 20160429; FR 3027585 B1 20170901; SG 11201703287S A 20170530; US 10232915 B2 20190319; US 2017320547 A1 20171109

DOCDB simple family (application)  
**EP 2015074624 W 20151023**; CA 2965577 A 20151023; DK 15784397 T 20151023; EP 15784397 A 20151023; FR 1402392 A 20141024; SG 11201703287S A 20151023; US 201515520395 A 20151023