

Title (en)

DEVICE FOR ATTACHING A COUPLING DEVICE TO A FREE-FLOATING OBJECT

Title (de)

VORRICHTUNG ZUM ANSCHLAGEN EINER KOPPLUNGSVORRICHTUNG AN EIN FREISCHWIMMENDES OBJEKT

Title (fr)

DISPOSITIF POUR ACCROCHER UN DISPOSITIF D'ACCOUPLEMENT À UN OBJET FLOTTANT

Publication

EP 3512767 B1 20210120 (DE)

Application

EP 17764815 A 20170911

Priority

- DE 102016117311 A 20160914
- EP 2017072738 W 20170911

Abstract (en)

[origin: WO2018050591A1] A device is proposed for attaching a coupling device (100) to a free-floating object (101), for example free-floating articles or free-floating persons. The device has: at least one first connection end (102), which can be connected to a load-receiving end (121) of a lifting device (120); a coupling device (100) for attachment to a free-floating object; a load-receiving connection (103) between the first connection end (102) and the coupling device (100); and a guiding device (104), which is separate from the load-receiving connection (103), connects the first connection end (102) to the coupling device (100) and is designed to guide the coupling device (100) relative to the first connection end (102).

IPC 8 full level

B63B 27/36 (2006.01); **B66C 1/42** (2006.01); **B66C 1/62** (2006.01); **B66C 13/02** (2006.01)

CPC (source: EP US)

B63B 21/04 (2013.01 - US); **B63B 21/20** (2013.01 - US); **B63B 27/36** (2013.01 - EP US); **B66C 1/427** (2013.01 - EP US);
B66C 1/62 (2013.01 - EP US); **B66C 13/02** (2013.01 - EP US); **B66C 13/46** (2013.01 - US); **B66C 23/52** (2013.01 - 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)

DE 102016117311 A1 20180315; CN 109803883 A 20190524; CN 109803883 B 20210305; DK 3512767 T3 20210419;
EP 3512767 A1 20190724; EP 3512767 B1 20210120; US 10864967 B2 20201215; US 2019202529 A1 20190704;
WO 2018050591 A1 20180322

DOCDB simple family (application)

DE 102016117311 A 20160914; CN 201780056313 A 20170911; DK 17764815 T 20170911; EP 17764815 A 20170911;
EP 2017072738 W 20170911; US 201716331406 A 20170911