

Title (en)
AN INSTALLATION APPARATUS

Title (de)
INSTALLATIONSVORRICHTUNG

Title (fr)
APPAREIL D'INSTALLATION

Publication
EP 2962975 B1 20170913 (EN)

Application
EP 15173178 A 20150622

Priority
GB 201410993 A 20140620

Abstract (en)
[origin: EP2962975A1] A frame (10) is disclosed for use in manoeuvring a load such as a concrete mattress or the like beneath the surface of the sea or other body of water. The frame (10) comprises a plurality of thrusters (20, 36) so orientated to produce thrust in the horizontal plane. Also included is a connection means (18, 19) enabling the frame (10) to be connected to a lifting means such as a crane and which aids in maintaining the frame (10) in a horizontal orientation whilst in use. A communication or umbilical cable (22) connects the frame (10) to a control means and enables command controls and data to be sent between the control means and the frame suspension means to releasably retain a load. A release handle (60) is provided, linked to the suspension means to control release of a load.

IPC 8 full level
B66C 1/16 (2006.01); **B63C 11/42** (2006.01); **B63C 11/52** (2006.01); **B66C 13/08** (2006.01)

CPC (source: EP)
B63C 11/52 (2013.01); **B66C 1/16** (2013.01); **B66C 13/08** (2013.01)

Cited by
DE102016107558B4; CN106365036A; CN105947877A; CN116101492A; GB2561704A; GB2544513A; GB2544513B; DE102016107558A1; CN117509399A

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)
EP 2962975 A1 20160106; EP 2962975 B1 20170913; GB 201410993 D0 20140806

DOCDB simple family (application)
EP 15173178 A 20150622; GB 201410993 A 20140620