

Title (en)  
CONNECTING AN UNDERWATER VEHICLE TO A TETHER

Title (de)  
Anknüpfen eines Unterwasserfahrzeugs an einer Leine

Title (fr)  
Liaison d'un véhicule sous-marin à un ancrage

Publication  
**EP 2921445 B1 20170510 (EN)**

Application  
**EP 15250004 A 20150226**

Priority  
GB 201403694 A 20140301

Abstract (en)  
[origin: EP2921445A1] The connection of an underwater vehicle by a tether and apparatus for such connection is disclosed. The apparatus comprises a drum which has a helical surface and which stores the tether so that the tether is unwound from the drum to allow the underwater vehicle to move away from the apparatus. The apparatus also includes a pulley system which engages with the tether and which also unwinds the tether from the drum. The apparatus further includes a pulley-drive and a drum-drive. The pulley-drive is operable in a forward mode to drive the pulley system for the unwinding of the tether and operable in a braking mode to resist the re-winding of the tether and the drum-drive is operable in a forward mode to drive the drum for the re-winding of the tether and operable in a braking mode to resist the unwinding of the tether.

IPC 8 full level  
**B65H 57/14** (2006.01); **B63B 27/36** (2006.01); **B63G 8/00** (2006.01); **B65H 75/42** (2006.01)

CPC (source: EP GB US)  
**B63B 27/36** (2013.01 - EP GB US); **B63C 11/52** (2013.01 - GB); **B63G 8/001** (2013.01 - US); **B65H 51/10** (2013.01 - EP US); **B65H 57/12** (2013.01 - EP US); **B65H 75/265** (2013.01 - EP US); **B65H 75/30** (2013.01 - GB); **B65H 75/425** (2013.01 - EP US); **B65H 75/4481** (2013.01 - GB); **B65H 75/4489** (2013.01 - EP US); **B66D 1/36** (2013.01 - GB); **B63G 2008/007** (2013.01 - EP US)

Cited by  
NO342840B1; GB2563549A; GB2563549B; US10766577B2; WO2017146583A1

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 2921445 A1 20150923; EP 2921445 B1 20170510**; GB 201403694 D0 20140416; GB 2523600 A 20150902; GB 2523600 B 20160706; US 2015246713 A1 20150903

DOCDB simple family (application)  
**EP 15250004 A 20150226**; GB 201403694 A 20140301; US 201514632058 A 20150226