

Title (en)

Apparatus and method for spooling umbilical cable or wire rope

Title (de)

Vorrichtung und Verfahren zum Aufspulen von Versorgungskabeln oder Drahtseilen

Title (fr)

Appareil et procédé pour enrouler un câble ombilical ou un câble en acier

Publication

**EP 2913293 A1 20150902 (EN)**

Application

**EP 15250003 A 20150212**

Priority

GB 201403696 A 20140301

Abstract (en)

Apparatus (101) for spooling umbilical cable (102) or wire rope onto a winch drum (202) without exceeding the minimum bend radius of the cable or wire rope, comprising a carriage (401) mounted on a screw thread (402). The carriage is configured to move on the screw thread across the winch drum and the carriage comprises two sheave wheels (403) in a diametrically opposed arrangement with reference to the vertical tangent line between the two sheave wheels. A first sheave wheel (502) is a lower fixed sheave wheel, and a second sheave wheel (501) is an upper sheave wheel configured to pivot about two bearings (505, 506) positioned on the vertical tangent line (507) between the lower fixed wheel and the upper sheave wheel.

IPC 8 full level

**B66D 1/38** (2006.01)

CPC (source: EP GB)

**B63C 11/52** (2013.01 - GB); **B63G 8/001** (2013.01 - GB); **B66D 1/38** (2013.01 - EP GB); **E21B 41/04** (2013.01 - GB);  
**B63G 2008/007** (2013.01 - GB)

Citation (search report)

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- [A] CN 202829400 U 20130327 - 715TH RES INST SHIPBLD IND
- [A] WO 0238487 A1 20020516 - COFLEXIP [FR], et al
- [A] WO 0206146 A1 20020124 - HYDROVISION LTD [GB], et al

Cited by

CN114772396A; WO2016124808A1

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)

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