

Title (en)

WINCH FOR PULLING CABLES, IN PARTICULAR SYNTHETIC CABLES USED OFFSHORE

Title (de)

WINDE ZUM ZIEHEN VON KABELN, INSBESONDERE FÜR OFFSHORE VERWENDETE SYNTHETISCHE KABEL

Title (fr)

TREUIL POUR LA TRACTION DE CABLES, EN PARTICULIER DE CABLES SYNTHETIQUES EMPLOYES EN OFFSHORE

Publication

**EP 2178784 B1 20111116 (FR)**

Application

**EP 08826797 A 20080723**

Priority

- FR 2008051387 W 20080723
- FR 0756713 A 20070724

Abstract (en)

[origin: WO2009016317A1] The present invention relates to a winch for pulling a cable (C), in particular a synthetic cable for manoeuvring a load. This winch (1) is composed of two motorized drums (3) each comprising an active cylindrical peripheral surface (5) equipped with several annular grooves (6), said cable (C) being intended to be wound around the two drums (3) according to a helical arrangement. In accordance with the invention, the motorized drums (3) are each formed from at least three pulleys (11), that can each be rotated around a common central axis (10), cooperating with their own dedicated motor means (4) and comprising a cylindrical peripheral surface equipped with at least one of the grooves (6): two pulleys known as outer pulleys (11a, 11d), positioned between which is at least one pulley known as a central pulley (11b, 11c). The central pulleys (11b, 11c) comprise at least one axial cylindrical extension, the cylindrical peripheral surface of which constitutes a rotational bearing for the central cylindrical surface of at least one of said other pulleys (11).

IPC 8 full level

**B66D 1/26** (2006.01); **B66D 1/74** (2006.01)

CPC (source: EP US)

**B66D 1/26** (2013.01 - EP US); **B66D 1/7405** (2013.01 - EP US)

Cited by

EP3932847A1; FR3112135A1; CN107445086A; US11814271B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

**FR 2919280 A1 20090130; FR 2919280 B1 20100219**; AT E533723 T1 20111215; BR PI0814674 A2 20150218; BR PI0814674 A8 20190122; BR PI0814674 B1 20190702; DK 2178784 T3 20120305; EP 2178784 A1 20100428; EP 2178784 B1 20111116; US 2010224844 A1 20100909; US 8322691 B2 20121204; WO 2009016317 A1 20090205

DOCDB simple family (application)

**FR 0756713 A 20070724**; AT 08826797 T 20080723; BR PI0814674 A 20080723; DK 08826797 T 20080723; EP 08826797 A 20080723; FR 2008051387 W 20080723; US 67016708 A 20080723