

Title (en)

CAPSTAN COMPRISING MEANS OF ASSESSING THE TENSION OF A LINE WRAPPED AROUND IT AND MEANS OF AUTOMATICALLY SELECTING AT LEAST ONE SPEED ACCORDING TO SAID TENSION

Title (de)

SPILL MIT VORRICHTUNG ZUR BEURTEILUNG DER SPANNUNG EINES DARUM GEWICKELTEN SEILS UND VORRICHTUNG ZUR AUTOMATISCHEN AUSWAHL VON MINDESTENS EINER GESCHWINDIGKEIT JE NACH DIESER SPANNUNG

Title (fr)

CABESTAN COMPRENANT DES MOYENS D'ÉVALUATION DE LA TENSION D'UN BOUT ENROULÉ AUTOUR ET DES MOYENS DE SÉLECTION AUTOMATIQUE D'AU MOINS UNE VITESSE EN FONCTION DE LADITE TENSION

Publication

EP 2627600 A1 20130821 (FR)

Application

EP 11779362 A 20111011

Priority

- FR 1155246 A 20110615
- FR 1058238 A 20101011
- EP 2011067750 W 20111011

Abstract (en)

[origin: WO2012049188A1] Capstan (10) intended to be secured to a sailing craft in order to tension a line attached to a sail, said capstan (10) comprising a fixed base (11) housing a shaft (14) and a gearbox, a barrel (12) around which said line can be wound, said barrel (12) being mounted such that it is capable of rotating in just one direction around said base (11) and connected to said shaft (14) via said gearbox, the rotation of said shaft (14) being accompanied by rotating of said barrel (12) about said base (11). The capstan comprises means of assessing the tension in said line and means of selecting at least one speed when said tension exceeds a predetermined threshold, said gearbox comprising an interior annulus (23), said annulus (23) being mounted such that it can rotate inside said barrel (12) against the effect of means that apply a friction and/or elastic return force (30, 34) to said annulus (23) so that it can turn in relation to said barrel (12) when said tension is above said threshold.

IPC 8 full level

B66D 1/74 (2006.01)

CPC (source: EP US)

B66D 1/22 (2013.01 - US); **B66D 1/74** (2013.01 - US); **B66D 1/7494** (2013.01 - EP US)

Citation (search report)

See references of WO 2012049188A1

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)

FR 2965803 A1 20120413; BR 112013008589 A2 20160712; CN 103228569 A 20130731; CN 103228569 B 20150812; EP 2627600 A1 20130821; EP 2627600 B1 20150902; FR 2965804 A1 20120413; FR 2965804 B1 20140404; US 2013313495 A1 20131128; WO 2012049188 A1 20120419

DOCDB simple family (application)

FR 1058238 A 20101011; BR 112013008589 A 20111011; CN 201180049178 A 20111011; EP 11779362 A 20111011; EP 2011067750 W 20111011; FR 1155246 A 20110615; US 201113878636 A 20111011