

Title (en)

AUTOMATIC WINCH WITH AUTOMATIC MESHING

Title (de)

AUTOMATISCHE WINDE MIT SYSTEMATISCHER EINSCHALTUNG

Title (fr)

CABESTAN AUTOMATIQUE À PRISE SYSTÉMATIQUE

Publication

**EP 3087023 A1 20161102 (FR)**

Application

**EP 14828462 A 20141222**

Priority

- FR 1363501 A 20131223
- EP 2014079092 W 20141222

Abstract (en)

[origin: WO2015097198A1] The invention relates to a capstan (10) for tensioning an end, wherein said capstan (10) comprises: a fixed frame (11) housing an input shaft (14) and a gearbox; a winch drum (12) around which said end may be wound, wherein said winch drum (12) is rotatably mounted about said frame (11) and connected to said input shaft (14) by said gearbox such that rotation of said input shaft (14) is accompanied by rotation of said winch drum (12) around said frame (11), wherein said gearbox has at least a first and a second gear ratio; clutch means (22) movable between at least a first position wherein at least said first gear ratio is engaged and a second position wherein at least said second gear ratio is engaged; means for evaluating (28, 33) the tension in said end; wherein said capstan (10) comprises means for maintaining (40, 362) said clutch means (22) in either of the positions thereof regardless of the value of said tension evaluated by said evaluation means (28, 33).

IPC 8 full level

**B66D 1/74** (2006.01)

CPC (source: EP)

**B66D 1/7431** (2013.01); **B66D 1/7484** (2013.01); **B66D 1/7494** (2013.01)

Citation (search report)

See references of WO 2015097198A1

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)

**FR 3015451 A1 20150626**; **FR 3015451 B1 20170210**; EP 3087023 A1 20161102; EP 3087023 B1 20200226; WO 2015097198 A1 20150702

DOCDB simple family (application)

**FR 1363501 A 20131223**; EP 14828462 A 20141222; EP 2014079092 W 20141222