

Title (en)

Mechanical member for moving loads, particularly for boats

Title (de)

Mechanisches Element zur Bewegung von Lasten, insbesondere Booten

Title (fr)

Élément mécanique pour déplacer des charges, notamment des bateaux

Publication

**EP 2641861 A1 20130925 (EN)**

Application

**EP 13158789 A 20130312**

Priority

IT VR20120056 A 20120323

Abstract (en)

A mechanical member (1) for moving loads, particularly boats, comprising an operating drum (2), suitable to be coupled with a reference structure (M) and defining a longitudinal axis (Z) which is rotated around by actuation means (3) and a recovery cable (4), provided with a first free end, suitable to be at necessary bound to the load, and a second end connected with the operating drum (2) in such a way that the recovery cable (4), due to the action of the actuation means (3), is at least partly wound/unwound on/from the outer surface (2a) of the operating drum (2). In particular, the mechanical member (1) comprises guiding and positioning means (5), operatively connected with the operating drum (2) in such a way as to progressively interfere with consecutive sections of the recovery cable (4) during winding/unwinding of the recovery cable (4) itself on/from the outer surface (2a) of the operating drum (2) so that the recovery cable (4) is wound/unwound in an orderly manner on/from the operating drum (2).

IPC 8 full level

**B66D 1/38** (2006.01)

CPC (source: EP)

**B66D 1/38** (2013.01); **B66D 2700/0191** (2013.01)

Citation (search report)

- [IA] EP 2151411 A1 20100210 - HARKEN ITALY SPA [IT]
- [A] US 2009308826 A1 20091217 - KEMPF JAMES [US]
- [A] JP S55147387 U 19801023
- [A] JP S60159791 U 19851024
- [A] US 1973446 A 19340911 - RESENQUIST BRER A E
- [A] EP 1770051 A2 20070404 - DEMAG CRANES & COMPONENTS GMBH [DE]
- [A] US 2348987 A 19440516 - FRANK LOCK
- [A] WO 2011092999 A1 20110804 - MITSUBISHI ELECTRIC FA IND PRODUCTS CORP [JP], et al
- [A] JP S61197091 U 19861209
- [A] KR 20120020237 A 20120308 - SAMSUNG HEAVY IND [KR]
- [A] JP S638289 U 19880120

Cited by

WO2016189043A1; CN113302145A; DE102015108265A1; CN107592854A; RU2682759C1; AU2016269063B2; US10399831B2

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)

**EP 2641861 A1 20130925; EP 2641861 B1 20141126; IT VR20120056 A1 20130924**

DOCDB simple family (application)

**EP 13158789 A 20130312; IT VR20120056 A 20120323**