

Title (en)
HOIST FOR A TENSION CABLE

Title (de)
WINDE FÜR EINEN ZUGSTRANG

Title (fr)
TREUIL POUR UN CABLE DE TRACTION

Publication
EP 3196162 A3 20170809 (DE)

Application
EP 16204719 A 20161216

Priority
DE 102016100783 A 20160119

Abstract (en)
[origin: US2017203939A1] A winch for winding and unwinding of a tension line, with a winding drum that is rotational around its central axis so that the tension line is windable and unwindable in windings running around the winding drum, and with a rotating actuator for driving a rotation of the winding drum, wherein the winding drum is arranged in a longitudinally movable manner along its central axis with respect to a base of the winch. It is a threaded rod extending in the central axis and having an external thread, wherein the winding drum is arranged rotationally around the threaded rod by means of a counter-thread that engages in the external thread.

IPC 8 full level
B66D 1/39 (2006.01); **B66D 1/12** (2006.01)

CPC (source: CN EP US)
B66D 1/12 (2013.01 - EP US); **B66D 1/39** (2013.01 - CN EP US); **B66D 2700/0141** (2013.01 - US); **B66D 2700/0191** (2013.01 - US)

Citation (search report)

- [X] US 2919869 A 19600105 - HOPPER ROBERT J, et al
- [X] DE 2434163 A1 19750206 - VOKAC HERMANN
- [X] JP S5267292 U 19770518
- [A] CN 203333208 U 20131211 - BEIJING HAoyI MEASUREMENT CONTROL ENGINEERING CO LTD
- [A] CN 202625698 U 20121226 - BEIJING HAoyI MEASUREMENT CONTROL ENGINEERING CO LTD
- [A] LU 42431 A1 19621128
- [A] SU 1691280 A1 19911115 - ZHURAVLEV SERGEJ A [SU]

Cited by
AT15602U3; US10913640B2

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 3196162 A2 20170726; EP 3196162 A3 20170809; CN 106976815 A 20170725; DE 102016100783 A1 20170720; JP 2017128445 A 20170727; US 2017203939 A1 20170720

DOCDB simple family (application)
EP 16204719 A 20161216; CN 201710053398 A 20170118; DE 102016100783 A 20160119; JP 2017003954 A 20170113; US 201715402139 A 20170109