

Title (en)
Hoisting winch with pulling cable storage

Title (de)
Hubwinde mit Zugseilaufbewahrung

Title (fr)
Treuil de levage avec stockage de cable de traction

Publication
EP 1847506 A3 20081217 (FR)

Application
EP 07075271 A 20070410

Priority
FR 0603686 A 20060421

Abstract (en)
[origin: EP1847506A2] The winch has a fixation chassis carrying a winching assembly and a cable storage assembly with a removable storage drum. The winching assembly has a compact hydraulic motor for rotating a winching pulley including a peripheral groove in which a traction cable is wound. An inclined lateral guiding ramp (19) allows a strand of the traction cable to rewind on the drum to laterally leave the groove. The ramp is extended towards a space occupied by the drum and is formed in a guiding piece (20) fixed on a cable retaining assembly by a transversal axle (21).

IPC 8 full level
B66D 1/36 (2006.01); **B66D 1/76** (2006.01)

CPC (source: EP)
B66D 1/36 (2013.01); **B66D 1/76** (2013.01)

Citation (search report)

- [X] US 3020022 A 19620206 - TURNQUIST EDWIN W
- [X] DE 2616470 A1 19761028 - JACOB WENNBERG AB
- [X] US 1396721 A 19211115 - ATWOOD GEORGE F
- [A] US 3078074 A 19630219 - BENEDICT FRANK A
- [A] DE 2710145 A1 19780914 - LANCIER MASCH PETER

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1847506 A2 20071024; EP 1847506 A3 20081217; EP 1847506 B1 20101117; DE 602007010528 D1 20101230; FR 2900141 A1 20071026; FR 2900141 B3 20080711

DOCDB simple family (application)
EP 07075271 A 20070410; DE 602007010528 T 20070410; FR 0603686 A 20060421