

Title (en)
Winch

Title (de)
Winde

Title (fr)
Treuil

Publication
EP 0747559 B1 20020515 (FR)

Application
EP 96401174 A 19960531

Priority
• PL 10279995 A 19950607
• PL 10382495 A 19951130

Abstract (en)
[origin: EP0747559A1] The winch consists of a housing containing a drum with a wound cable, fixed to a frame and operated by an endless screw coupled to a second screw attached to a tilting stirrup actuated by a lever engaging with the endless screw wheel and disengaged by a lever and spring mechanism. The disengagement mechanism comprises a two-arm lever (19) with manual and pneumatic operation, and with its axis of rotation (18) located in the space between two parallel planes lying perpendicular to the winch locking plane. One plane passes through the axis of rotation of the endless screw wheel, and the other through the tilting axis of the stirrup. The lever's axis is preferably identical with the stirrup's tilting axis and, in a variant, the disengagement mechanism can comprise a one-arm lever which is operated electromagnetically.

IPC 1-7
E05F 15/20; A62C 2/24

IPC 8 full level
B66D 1/74 (2006.01); **A62B 11/00** (2006.01); **A62B 13/00** (2006.01); **A62C 2/24** (2006.01); **B66D 1/04** (2006.01); **E05F 15/00** (2015.01)

CPC (source: EP)
A62C 2/247 (2013.01); **E05F 15/72** (2015.01); **E05F 1/02** (2013.01); **E05Y 2201/214** (2013.01); **E05Y 2201/22** (2013.01); **E05Y 2201/244** (2013.01); **E05Y 2201/246** (2013.01); **E05Y 2201/422** (2013.01); **E05Y 2201/462** (2013.01); **E05Y 2201/50** (2013.01); **E05Y 2201/654** (2013.01); **E05Y 2201/664** (2013.01); **E05Y 2900/148** (2013.01)

Cited by
CN112697106A; EP0959037A1; FR2778648A1

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL PT

DOCDB simple family (publication)
EP 0747559 A1 19961211; EP 0747559 B1 20020515; AT E217676 T1 20020615; BG 100601 U 19970430; BG 207 Y1 19980331; CZ 5411 U1 19961127; DE 69621187 D1 20020620; HU 1479 U 19990128; HU 9600152 V0 19960729

DOCDB simple family (application)
EP 96401174 A 19960531; AT 96401174 T 19960531; BG 10060196 U 19960520; CZ 541796 U 19960606; DE 69621187 T 19960531; HU 9600152 U 19960521