

Title (en)

Process for operating a winch and related apparatus

Title (de)

Verfahren zum Betreiben einer Winde und zugehörige Vorrichtung

Title (fr)

Procédé pour opérer un treuil et installation correspondante

Publication

EP 0850871 A3 20000412 (DE)

Application

EP 97103047 A 19970225

Priority

DE 19654547 A 19961227

Abstract (en)

[origin: EP0850871A2] The method involves winding a cable (3) onto a driven reel (1) and conveying it to at least one drum head (2) turned by a drive mechanism (40,45) and advancing the cable by means of the friction between the cable and drum head. The reel's drive mechanism (5,6) is separately positioned beside the drum head drive mechanism. The reel is driven by the cable's tension force between the reel and drum head. The displacement volume of a hydraulic motor (5) driving the reel is set in relation to the load of the hydraulic motor.

IPC 1-7

B66D 1/44; **B66D 1/76**

IPC 8 full level

B66D 1/44 (2006.01); **B66D 1/74** (2006.01); **B66D 1/76** (2006.01)

CPC (source: EP US)

B66D 1/44 (2013.01 - EP US); **B66D 1/741** (2013.01 - EP US)

Citation (search report)

- [XY] US 4234167 A 19801118 - LANE WILLIAM C
- [X] US 4223871 A 19800923 - BRAITHWAITE JOHN C
- [DX] EP 0719726 A1 19960703 - MDP MECCANICA DEL PIAVE S P A [IT]
- [Y] US 3817033 A 19740618 - APPEL W, et al
- [Y] US 3871714 A 19750318 - BEHREND VOLKMAR

Designated contracting state (EPC)

AT CH DE ES FI FR IT LI SE

DOCDB simple family (publication)

EP 0850871 A2 19980701; **EP 0850871 A3 20000412**; CA 2220197 A1 19980627; CA 2220197 C 20010605; DE 19654547 A1 19980702; DE 19654547 C2 19990318; JP 2829298 B2 19981125; JP H10194684 A 19980728; US 5984277 A 19991116

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EP 97103047 A 19970225; CA 2220197 A 19971224; DE 19654547 A 19961227; JP 34802797 A 19971217; US 98728597 A 19971210