

Title (en)
Winch for mounting on a vehicle

Title (de)
Seilwinde zum Anbau an ein Fahrzeug

Title (fr)
Treuil pour monter sur un véhicule

Publication
EP 0869098 A3 20000308 (DE)

Application
EP 98105373 A 19980325

Priority
DE 19713600 A 19970402

Abstract (en)
[origin: EP0869098A2] The winch has a pulling device (9) for the cable (6) driven by a hydraulic drive (11), a guide path (41) for the cable and hydraulic control valves and electric controllers for operating the winch (7). The winch forms a stand-alone, essentially operationally ready unit (10) containing the cable drum (12,13), hydraulic drive motor, guide path, hydraulic components, controllers and mechanical structure parts (20,21,30). The unit is removably attached to the vehicle frame (1), whereby the end (27) of the unit towards the vehicle rear is mounted on a structural part consisting of a supporting plate (20) and the front end (28) of the unit is connected to a carrying bar (21). The supporting plate and carrying bar are attached to the vehicle frame.

IPC 1-7
B66D 1/00; **B66D 1/76**

IPC 8 full level
B66D 1/00 (2006.01); **B66D 1/74** (2006.01)

CPC (source: EP)
B66D 1/00 (2013.01); **B66D 1/741** (2013.01)

Citation (search report)

- [XY] US 3788605 A 19740129 - JOHNSON G
- [Y] US 4238116 A 19801209 - PLANTE JACQUES F [CA], et al
- [A] DE 949866 C 19560927 - FORD WERKE AG

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

DOCDB simple family (publication)
EP 0869098 A2 19981007; **EP 0869098 A3 20000308**; **EP 0869098 B1 20050921**; DE 19713600 A1 19981008; DE 59813063 D1 20060202; ES 2247644 T3 20060301

DOCDB simple family (application)
EP 98105373 A 19980325; DE 19713600 A 19970402; DE 59813063 T 19980325; ES 98105373 T 19980325