

Title (en)  
Winch

Title (de)  
Seilwinde

Title (fr)  
Treuil

Publication  
**EP 1897840 B1 20100120 (DE)**

Application  
**EP 06018165 A 20060831**

Priority  
EP 06018165 A 20060831

Abstract (en)  
[origin: EP1897840A1] The rope winch (1) has a bearing support (3), rope drum (2) supported on the bearing support so as to be rotatable about a drive axis (30), drive motor (9), and planetary gear (12) connected to the drive motor. The drive motor drives the rope drum about the drive axis through the gear. A sensor i.e. wire strain gauge, senses a load acting on the rope drum. An exchangeably secured component i.e. bolt (18), is exchangeable without dismounting the bearing support. The sensor is arranged on the exchangeably secured component.

IPC 8 full level  
**B66D 1/58** (2006.01); **B66D 3/18** (2006.01)

CPC (source: EP US)  
**B66D 1/58** (2013.01 - EP US); **B66D 3/18** (2013.01 - EP US)

Cited by  
WO2018197512A1; IT201700046131A1; US11078056B2

Designated contracting state (EPC)  
DE ES IT

DOCDB simple family (publication)  
**EP 1897840 A1 20080312**; **EP 1897840 B1 20100120**; CN 101134554 A 20080305; CN 101134554 B 20111214;  
DE 502006005983 D1 20100311; ES 2339961 T3 20100527; US 2008054237 A1 20080306; US 7658370 B2 20100209

DOCDB simple family (application)  
**EP 06018165 A 20060831**; CN 200710142248 A 20070831; DE 502006005983 T 20060831; ES 06018165 T 20060831;  
US 84829907 A 20070831