

Title (en)
Winch

Title (de)
Hubwinde

Title (fr)
Treuil

Publication
EP 1247778 B1 20070328 (DE)

Application
EP 02000979 A 20020116

Priority
DE 10116342 A 20010402

Abstract (en)
[origin: EP1247778A2] The lifting winch has a rotatably mounted drum (12) and a drive (16) by which the drum is rotated for winding a cable (11) onto it and off it. A control unit and measurement unit continuously determine the momentary tensile force on the cable. When the tensile force falls below a predetermined residual tensile force the power of the drive is corresponding reduced by the control unit and adjusted, whereby the tensile force is kept below the residual tensile force by regulation. An Independent claim is included for a procedure for the operation of a lifting winch.

IPC 8 full level
B66D 1/50 (2006.01); **B66D 1/08** (2006.01); **G01G 19/18** (2006.01)

CPC (source: EP)
B66D 1/08 (2013.01); **B66D 1/50** (2013.01)

Cited by
EP2443308A4; CN104261291A; DE10356329A1; US2021254601A1; EP3287588A1; EP3293351A1; IT201600090502A1; US10458192B2; WO2007101519A1; US9162853B2; US9664029B2; US11473375B2; WO2018036713A1; EP2975208A2; DE102014109918A1; EP3228756B2; EP2975208B1

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