

Publication

EP 0678473 A3 19951206 (EN)

Application

EP 95105587 A 19950413

Priority

DE 4413717 A 19940420

Abstract (en)

[origin: EP0678473A2] The lifting winch has an electric drive motor (11), coupled to the winch drum (5) via a cog wheel drive train with at least one pair of drive cogs having angled cog teeth. One of these drive cogs is attached to a shaft which is displaced axially between 2 end positions in the drive housing (3), with an attached permanent magnet cooperating with a magnetic field sensor for indicating the shaft position. The shaft is acted on by a spring bias which holds it in one end position unless the exerted force is above a defined limit value, at which it moved into the second end position. <IMAGE>

IPC 1-7

B66D 1/58; **B66D 1/56**

IPC 8 full level

B66D 1/56 (2006.01); **B66D 1/58** (2006.01)

CPC (source: EP)

B66D 1/56 (2013.01); **B66D 1/58** (2013.01)

Citation (search report)

- [XA] EP 0511486 A1 19921104 - KITO KK [JP]
- [A] EP 0207923 A1 19870107 - HUMBLET FERNAND

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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