

Title (en)

DRIVE ARRANGEMENT FOR CABLE WINCHES AND/OR ROTATING MECHANISMS IN LIFTING DEVICES

Publication

EP 0316757 B1 19920115 (DE)

Application

EP 88118709 A 19881110

Priority

AT 305687 A 19871119

Abstract (en)

[origin: EP0316757A1] In order to reduce the dynamic stresses associated with the lifting of a moving load in a lifting device, the drive motor of the drive arrangement for the rope winch and/or the rotating mechanism of the lifting device is connected to a differential gearing (2), one shaft of which is in operative connection with the rope winch (3) or via a pinion with the rotating mechanism of the lifting device. The third shaft (4) is connected to a holding device. The holding device is formed by a rope pulley (5) which has at least one rope (6) wrapped around it, and one end of the rope is connected to a damping means (7) whose damping behaviour is conveniently adjustable.

IPC 1-7

B66D 1/22; **B66D 1/52**

IPC 8 full level

B66D 1/22 (2006.01); **B66D 1/52** (2006.01)

CPC (source: EP)

B66D 1/22 (2013.01); **B66D 1/52** (2013.01)

Designated contracting state (EPC)

AT DE GB NL SE

DOCDB simple family (publication)

EP 0316757 A1 19890524; **EP 0316757 B1 19920115**; AT 389292 B 19891110; AT A305687 A 19890415; AT E71602 T1 19920215; DE 3867807 D1 19920227; NO 885165 D0 19881118; NO 885165 L 19890522

DOCDB simple family (application)

EP 88118709 A 19881110; AT 305687 A 19871119; AT 88118709 T 19881110; DE 3867807 T 19881110; NO 885165 A 19881118