

Title (en)  
SUSPENDED CONTROL DEVICE

Title (de)  
HÄNGESTEUEREINRICHTUNG

Title (fr)  
DISPOSITIF DE COMMANDE SUSPENDU

Publication  
**EP 1494953 A1 20050112 (DE)**

Application  
**EP 03763667 A 20030630**

Priority  

- DE 10231798 A 20020710
- DE 20216079 U 20021016
- EP 0306923 W 20030630

Abstract (en)  
[origin: WO2004007334A1] The invention relates to a suspended control device (20) which is suspended by means of a control line (1, 24) connected to a unit to be controlled (21). Said suspended control device is especially a control switch or a suspended push-button switch for controlling hoisting equipment, the control line (1, 24) comprising electrical lines (2) for transmitting control signals, and a traction relief element (22) which is supported at the top, on the unit (21), and used to absorb weight and tractive forces. The aim of the invention is to provide a suspended control device (20) whereby the length of the control line (1, 24) can be easily changed. To this end, a storage element for receiving and releasing a defined length of the electrical lines (2) is provided behind the region wherein the traction relief element (22) is supported, seen in the direction of the unit (21) from the suspended control device (20).

IPC 1-7  
**B66C 13/56**

IPC 8 full level  
**B66C 13/56** (2006.01)

CPC (source: EP KR US)  
**B66C 13/40** (2013.01 - EP US); **B66C 13/56** (2013.01 - KR)

Citation (search report)  
See references of WO 2004007334A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2004007334 A1 20040122**; AT E328843 T1 20060615; AU 2003258501 A1 20040202; CA 2485381 A1 20040122; CA 2485381 C 20090929; CN 100337904 C 20070919; CN 1665739 A 20050907; DE 20216079 U1 20030313; DE 50303695 D1 20060720; EP 1494953 A1 20050112; EP 1494953 B1 20060607; ES 2266862 T3 20070301; HK 1075444 A1 20051216; JP 2005538006 A 20051215; JP 4264063 B2 20090513; KR 100713725 B1 20070502; KR 20050017098 A 20050221; US 2006180562 A1 20060817; US 7504602 B2 20090317

DOCDB simple family (application)  
**EP 0306923 W 20030630**; AT 03763667 T 20030630; AU 2003258501 A 20030630; CA 2485381 A 20030630; CN 03816276 A 20030630; DE 20216079 U 20021016; DE 50303695 T 20030630; EP 03763667 A 20030630; ES 03763667 T 20030630; HK 05105914 A 20050712; JP 2004520434 A 20030630; KR 20057000358 A 20050107; US 52055105 A 20050818