

Title (en)

Device for automatic tension control of a cable for a piste grooming device

Title (de)

Einrichtung zur automatischen Regelung der Zugkraft eines Seiles für ein Pistenpflegegerät

Title (fr)

Dispositif pour le contrôle automatique de la tension d'un cable pour un dispositif de damage des pistes

Publication

EP 1118580 B1 20040922 (DE)

Application

EP 01200199 A 20010119

Priority

IT BZ20000005 A 20000121

Abstract (en)

[origin: EP1118580A1] The device has a control and regulating unit connected to a controllable winch drive and an evaluation device connected to sensor elements and the control and regulating unit. The sensor elements are pressure sensors that detect the maximum pressure on a changeover valve (16,20) between right and left drive supply lines (6,8). The evaluation unit derives a demand value that controls the winch drive via the regulating unit.

IPC 1-7

B66D 1/52; **B66D 1/50**

IPC 8 full level

E01H 4/02 (2006.01); **B66D 1/08** (2006.01); **B66D 1/44** (2006.01); **B66D 1/50** (2006.01)

CPC (source: EP US)

B66D 1/505 (2013.01 - EP US)

Cited by

EP4242162A1; EP4201867A1; IT202100032639A1; CN109019379A; IT201700064293A1; RU2771072C2; DE10261944A1; CN102491173A; EP1431236A3; DE102005031076A1; DE102005031076B4; DE102010049984A1; EP2444356A1; US11753283B2; US7165758B2; EP3067309A1; US8201349B2; WO2018225031A1; DE102022202414A1

Designated contracting state (EPC)

AT CH DE FR IT LI

DOCDB simple family (publication)

EP 1118580 A1 20010725; **EP 1118580 B1 20040922**; AT E276966 T1 20041015; DE 50103695 D1 20041028; IT 1316116 B1 20030328; IT BZ20000005 A1 20010721; JP 2001248125 A 20010914; JP 4780837 B2 20110928; US 2001017366 A1 20010830; US 6585232 B2 20030701

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