

Title (en)

Automatic levelling device for a suspension device of a load.

Title (de)

Vorrichtung zum automatischen Korrigieren der Horizontallage einer Lasthängevorrichtung.

Title (fr)

Dispositif de correction automatique d'assiette pour un appareil de suspension d'une charge.

Publication

EP 0345105 A1 19891206 (FR)

Application

EP 89401237 A 19890502

Priority

FR 8805995 A 19880504

Abstract (en)

The invention permits the automatic levelling of a suspended load. It comprises two lifting cables (4A and 4B) which are to be fixed to a load (2) and wound respectively round two drums (6A and 6B) integral in rotation with respectively two toothed wheels (8A and 8B) which each mesh with an endless screw (14A and 14B) integral in rotation with a single rotating shaft (16). The two cables (4A and 4B) are wound in opposite directions on the drums (6A and 6B), the toothed wheels (8A and 8B) meshing with the endless screws (14A and 14B) in opposite directions. A translational displacement (22) of the said shaft (16) makes it possible to rotate the drums (6A, 6B) in the same direction, and to bring about a relative lengthening of a first cable of the two cables (4A, 4B) and a relative shortening of the second cable of these two cables (4A, 4B) in order to vary the position of the said load (2). Application to the handling of suspended loads. <IMAGE>

IPC 1-7

B66C 1/10; **B66D 1/26**

IPC 8 full level

B66C 1/10 (2006.01); **B66D 1/26** (2006.01)

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B66C 1/10 (2013.01); **B66D 1/26** (2013.01)

Citation (search report)

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