

Title (en)

DEVICE FOR THE HAND-GUIDED MOVEMENT OF LOADS

Title (de)

VORRICHTUNG ZUM HANDGEFÜHRTEN BEWEGEN VON LASTEN

Title (fr)

DISPOSITIF PERMETTANT LE DÉPLACEMENT MANUEL DE CHARGES

Publication

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Application

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Abstract (en)

[origin: WO2014174006A1] The invention relates to a device (10) for the hand-guided movement of loads by means of a retaining or gripping element (11) as a lifting aid, which retaining or gripping element is attached to a load-bearing rope (2), comprising a load-bearing apparatus (1), which is provided with at least one vertical cantilever (3), over which the load-bearing rope (2) is guided from sides of a rope-winding apparatus (4) on the load-bearing apparatus (1) by means of an adjustable rope articulation point (5), wherein a sensor (6) for measuring a rope angle of the load-bearing rope (2) in relation to the vertical is provided and a controller coupled to the sensor (6) is provided, which controller is designed to simultaneously control an adjustment of the rope articulation point (5) and a rope length of the load-bearing rope (2) on the basis of a measured rope angle.

IPC 8 full level

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