

Title (en)

HOIST, SUCH AS A CRANE, AND METHOD AND APPARATUS FOR CONTROLLING SUCH A HOIST

Title (de)

HEBEZEUG WIE KRAN SOWIE VERFAHREN UND VORRICHTUNG ZUM STEUERN EINES SOLCHEN HEBEZEUGS

Title (fr)

APPAREIL DE LEVAGE, TEL QU'UNE GRUE, ET PROCÉDÉ ET APPAREIL DE COMMANDE D'UN TEL APPAREIL DE LEVAGE

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Abstract (en)

[origin: WO2022073680A1] The invention relates to a method for controlling a hoist, such as a crane (1) or a cable excavator, wherein a load handling means (8) is mounted to a boom (3) in the manner of a pendulum, via a hoist cable (7), and the boom (3) and/or a trolley (9) which can travel on the boom (3) is moved by means of at least one drive device (6; 10), wherein, in order to move the load handling means (8), a target speed signal (v_target) is specified for the at least one drive device (6; 10), the natural frequency of the pendulum being filtered out of the specified target speed signal (v_target) by means of a filter (14) and the filtered target speed signal (v_target_transl) being used to control the at least one drive device (6; 10).

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