

Title (en)

HOIST WITH A DEVICE FOR SUPPORTING OR FULLY AUTOMATICALLY PERFORMING A RAISING AND / OR DEPOSITING OPERATION OF A BOOM SYSTEM AND CORRESPONDING METHOD

Title (de)

HEBEZUG MIT EINER VORRICHTUNG ZUM UNTERSTÜTZEN ODER VOLLAUTOMATISCHEN DURCHFÜHREN EINES AUFRICHT- UND/ ODER ABLEGEVORGANGS EINES AUSLEGERSYSTEMS SOWIE ENTSPRECHENDES VERFAHREN

Title (fr)

APPAREIL DE LEVAGE DOTÉ D'UN DISPOSITIF DESTINÉ AU SUPPORT OU À LA MISE EN UVRE ENTIÈREMENT AUTOMATIQUE D'UN PROCESSUS DE LEVAGE ET/OU DE POSE D'UN SYSTÈME DE FLÈCHE, AINSI QUE PROCÉDÉ CORRESPONDANT

Publication

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Application

EP 22161288 A 20220310

Priority

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Abstract (en)

[origin: US2022297989A1] The present disclosure relates to a lifting device, in particular a mobile crane or a cable-operated excavator, that comprises a superstructure, a main boom that starts from the superstructure, a luffing boom that starts from the end of the main boom remote from the superstructure, a winch arrangement, and a tilting moment detection unit for determining the tilting moment acting on the lifting device by the position of the main boom and the luffing boom. The disclosure is characterized by an apparatus for assisting or for fully automatic carrying out an erecting and/or placing down procedure of a boom system comprising the main boom and the luffing boom that is configured to carry out the steps for erecting and/or placing down the boom system in dependence on the tilting moment detected by the tilting moment detection unit.

IPC 8 full level

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