

Title (en)

AN ORIENTATION AND POSITIONING ADJUSTMENT ASSEMBLY FOR SUSPENDED LOADS, LOAD LIFTING EQUIPMENT CONTAINING THE SAME, AND METHOD OF OPERATION OF THE ADJUSTMENT ASSEMBLY

Title (de)

ORIENTIERUNGS- UND POSITIONIEREINSTELLUNGSANORDNUNG FÜR HÄNGENDE LASTEN, LASTHEBEVORRICHTUNG, DIE DIESE ENTHÄLT, UND VERFAHREN ZUM BETRIEB DER EINSTELLANORDNUNG

Title (fr)

ENSEMBLE DE RÉGLAGE D'ORIENTATION ET DE POSITIONNEMENT POUR CHARGES SUSPENDUES, ÉQUIPEMENT MONTE-CHARGE LE CONTENANT, ET PROCÉDÉ DE FONCTIONNEMENT DE L'ENSEMBLE DE RÉGLAGE

Publication

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Application

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Priority

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Abstract (en)

The present invention relates to an orientation and positioning adjustment assembly for a load suspended from a load lifting system, affected by movements typical of the ascent of the same to the location of its unloading or installation, or by external agents such as the wind, which cause the variation of its position and/or orientation. The invention is based on the joint, coordinated use of one or more propeller-type torque generator assemblies and one or more gyroscope-type torque generator assemblies, based on a method of coordinated operation and distribution of the torque according to the external and internal conditions that generate the destabilization of the load.

IPC 8 full level

B66C 1/10 (2006.01); **B66C 13/08** (2006.01)

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Citation (search report)

- [XYI] US 2019375615 A1 20191212 - MARKWELL DERICK [AU]
- [Y] US 2020231415 A1 20200723 - SIKORA DEREK [US], et al
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