Title (en)

METHOD AND ARRANGEMENT FOR PREVENTING LOAD SWINGS WITH A SUSPENDED-LOAD-MOVING APPARATUS PERFORMING ROTATIONAL MOVEMENTS

Title (de)

VERFAHREN UND ANORDNUNG ZUR VERMEIDUNG VOM LASTSCHWINGUNGEN BEI EINEM DREHBEWEGUNGEN AUSFÜHRENDEN HÄNGELASTBEWEGUNGSGERÄT

Title (fr)

PROCEDE ET SYSTEME POUR EVITER LES OSCILLATIONS EN CHARGE D'UN APPAREIL DEPLA ANT UNE CHARGE SUSPENDUE ET EXECUTANT DES MOUVEMENTS ROTATIFS

Publication

EP 0907604 A1 19990414 (DE)

Application

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Abstract (en)

[origin: WO9745357A1] The invention concerns a method and arrangement for converting rotational and translational movements of a suspended load into a linear movement such that oscillation-damping measures for linearly moved suspended loads are sufficient to prevent their oscillation. The advantage thereof is that optimum methods are already known for damping measures of this type. Furthermore, multi-axis control systems known from industrial applications can be used to control the suspended-load-moving apparatus. The invention also concerns means of displaying the working area and suitably inputting the target co-ordinates of the suspended load.

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