

Title (en)

System to control the speed of displacement of a swaying load and lifting device comprising such a system

Title (de)

Kontroll- und Steuersystem für die Geschwindigkeit einer bewegten, pendelnden Ladung und Hebevorrichtung mit einem solchen System

Title (fr)

Système de contrôle et de commande de la vitesse de déplacement d'une charge pendulaire et appareil de levage comprenant un tel système

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Application

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Abstract (en)

[origin: EP0611211A1] The invention relates to a system for monitoring and controlling the movement of a slung load. The system according to a preferred variant of the invention comprises a speed controller (Cvit), a ramp generator (GRAMPE) and circuits (100) for controlling the speed (V(p)) of the slung load. According to the invention, a feedback chain (131) is provided, the output of which is linked to an input of a comparator (140) receiving a reference speed control signal (R(p)) on its other input. The output signal is passed to the speed control circuits (100). The feedback chain (131) is configured to stabilise the output speed. Application to assisted operation of lifting apparatus, especially dockside apparatus.
<IMAGE>

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