

TRANSPORTABLE INLINE HEAVE COMPENSATOR

Abstract

Transportable inline heave compensator (100) provided with connection devices (19) for suspending the compensator (100) from a load bearing device and a connection device (19) for carrying a payload (101), where the compensator (100) comprises a passive heave compensator part and possibly an active heave compensator part, and being provided with a sensor arrangement, where the compensator (100) further comprises at least one actuator (10), that is horizontally oriented in operation and comprises an actuator piston rod (13) with a horizontally stroke indirectly connected to a rope means (18), where the rope means (18) at an end, via a connection device (19), such as a padeye, is connected to at least one of; a vessel (102) at the sea surface or a payload (101), incorporating a device with a curved surface where rope means is suspended to for converting the vertical movements of vessel (102) or payload (101), to horizontal movements of the actuator piston rod (13) compensating the load (101).

Fig. 1