

**Transport installation on which a vehicle travels and method for controlling
such a vehicle**

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ABSTRACT

The invention concerns an installation (1) for transporting a load comprising a support (10) comprising at least two stretched cables (12) extending between at least two pylons (14) so as to form a track on which a vehicle (20) travels.

10 The vehicle (20) comprises a floor (22) cooperating with rollers (24) through a set of suspensions (26) controlled by at least one force setpoint and a control command system (28) configured to drive the set of suspensions (26) by a control method.

The invention also concerns such a control method comprising the following steps:

- 15 a. collection (Col3) of a pitch parameter of the floor, representative of the pitch rotational acceleration of the floor;
- b. determination (Det1) of a longitudinal correction command intended to modify the at least one force setpoint;
- 20 c. application (Apl1) of the longitudinal correction command to the set of suspensions (26).

[Figure 3]