Title (en)

**PULL AND PUSH MEANS** 

Title (de

ZUG- UND STOSSEINRICHTUNG

Title (fr)

DISPOSITIF DE TRACTION ET DE POUSSÉE

Publication

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Application

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Abstract (en

[origin: WO2016026708A1] The invention relates to a pull and push means for a track-guided vehicle, in particular rail vehicle, with a coupling rod, which is connected to a superstructure of a vehicle via a pull clamp, for transmitting pull and push forces occurring in the travelling mode from the coupling rod at the superstructure, with a spring apparatus which is arranged between the superstructure-side end region of the coupling rod and the superstructure and has an energy consumption device with a reversible energy consumption means, wherein the spring apparatus is configured in such a manner that the force flux of the push forces, which are transmitted directly to the spring apparatus by the coupling rod, and of the pull forces, which are transmitted via the pull clamp, is conducted through said spring apparatus and transmitted to the superstructure via stop regions for the introduction of pull forces and/or compression forces to the superstructure or at a component connected at least indirectly thereto, wherein the spring apparatus in the installed position has, as viewed in the longitudinal direction of the coupling rod, a front transmission element facing the vehicle and a rear transmission element facing the vehicle, between which transmission elements the energy consumption means is arranged in a prestressed manner. The invention is characterized in that the energy consumption device furthermore comprises an energy consumption means with irreversible energy consumption, and the energy consumption device is arranged within the axial extent of the pull clamp, as viewed in the longitudinal direction of the vehicle.

IPC 8 full level

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