

Title (en)  
CONTROLLER FOR HYDRAULIC APPARATUS FOR A VEHICLE

Title (de)  
STEUERGERÄT FÜR EINE HYDRAULISCHE VORRICHTUNG FÜR EIN FAHRZEUG

Title (fr)  
DISPOSITIF DE COMMANDE POUR APPAREIL HYDRAULIQUE POUR VÉHICULE

Publication  
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Application  
**EP 21836615 A 20211230**

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Abstract (en)  
[origin: WO2022144553A1] The present invention refers to a controller for hydraulic apparatus (100) for controlling a vehicle. The controller is configured to determine (310) that an hydraulic actuator is moving in such a way that an energy return criteria is being met and, in response thereto, control (320) the hydraulic apparatus in a way to transfer energy from the hydraulic actuator to an energy storage component, via a hydraulic machine. The controller is further configured to receive (330) a propulsion demand signal indicative of a propulsion demand to propel the vehicle, and to control (340) the hydraulic apparatus in a way to transfer energy from the energy storage component to a hydraulic propulsion motor of the hydraulic apparatus to propel the vehicle in accordance with the propulsion demand.

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