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(54) Title (EN): VEHICLE AND CONTROL METHOD FOR VEHICLE

(54) Title (FR): VÉHICULE ET PROCÉDÉ DE COMMANDE POUR VÉHICULE

(54) Title (JA): 車両及び車両の制御方法

(57) Abstract:

(EN): This vehicle, which has a forward/rearward switching mechanism in which one among an input and an output is set to a sun gear and the other among the input and the output is set to a carrier, and a variator which is connected to the forward/rearward switching mechanism, comprises: a ring gear rotation speed sensor that detects the rotation speed of a ring gear of the forward/rearward switching mechanism; a PRI rotation speed sensor that detects the rotation speed of a primary pulley of the variator on the carrier side of the forward/rearward switching mechanism; and a controller that calculates the rotation speed of the sun gear on the basis of the output of the ring gear rotation speed sensor and the output of the PRI rotation speed sensor.

(FR): L'invention porte sur un véhicule, muni d'un mécanisme de commutation avant/arrière dans lequel l'une d'une entrée et d'une sortie est réglée sur un planétaire et l'autre de l'entrée et de la sortie est réglée sur un support, et d'un variateur qui est relié au mécanisme de commutation avant/arrière, comprenant : un capteur de vitesse de rotation de couronne qui détecte la vitesse de rotation d'une couronne du mécanisme de commutation avant/arrière; un capteur de vitesse de rotation de PRI qui détecte la vitesse de rotation d'une poulie primaire du variateur sur le côté support du mécanisme de commutation avant/arrière; et un dispositif de commande qui calcule la vitesse de rotation du planétaire sur la base de la sortie du capteur de vitesse de rotation de couronne et de la sortie du capteur de vitesse de rotation de PRI.

(JA): 車両は、入力及び出力のうち的一方がサンギアに設定されるとともに、入力及び出力のうち他方がキャリアに設定された前後進切替機構と、前後進切替機構と接続されたバリエータとを有する車両であって、前後進切替機構のリングギアの回転速度を検出するリングギア回転速度センサと、前後進切替機構のキャリア側にあるバリエータのプライマリプーリの回転速度を検出するPRI回転速度センサと、リングギア回転速度センサの出力とPRI回転速度センサの出力とに基づきサンギアの回転速度を演算するコントローラとを備える構成とされる。

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