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(54) Title (EN): TRAVEL CONTROL DEVICE

(54) Title (FR): DISPOSITIF DE RÉGULATION DE VITESSE

(54) Title (JA): 走行制御装置

(57) Abstract:

(EN): Using the disclosed travel control device, it is possible to cancel vehicle speed control without subjecting the driver to discomfort when there has been a pedal operation of a brake pedal by the driver during vehicle speed control. When there has been a pedal operation of the brake pedal (112) by the driver during control that decelerates the vehicle by means of a vehicle speed control means, the driver brake fluid pressure (Pd) generated by a master cylinder (111) by means of the pedal operation and the actuator brake fluid pressure (Pa) generated by a brake actuator (121) on the basis of the deceleration-amount command value (A) of a vehicle speed control unit (131) are compared, and the output of the deceleration-amount command value (A) from the vehicle speed control unit (131) is sustained until the driver brake fluid pressure (Pd) exceeds the actuator brake fluid pressure (Pa).

(FR): Avec le dispositif de régulation de vitesse de l'invention, il est possible de neutraliser le régulateur de vitesse sans gêne pour le conducteur en cas de sollicitation de la pédale de frein pendant la phase de régulation de la vitesse. Lorsqu'il y a activation de la pédale de frein (112) pendant une phase de régulation de la vitesse, ce qui ralentit le véhicule par lesdits moyens de régulation, sont alors comparées la pression sur le liquide de frein (Pd) produite par un maître-cylindre de frein (111) suite à l'activation de la pédale de frein et la pression du liquide de frein sur l'actionneur (Pa) générée par un actionneur de frein (112) sur la base de la valeur de contrôle de l'ampleur de la décélération (A) de l'unité de régulation de vitesse du véhicule (131), cependant que la valeur de contrôle d'ampleur de décélération (A) produite est maintenue jusqu'à ce que la pression du fluide de frein créée par le conducteur (Pd) dépasse la pression du liquide de frein générée par l'actionneur (Pa).

(JA): 走行制御装置において、車速制御中にドライバーによりブレーキペダルのペダル操作が行われたときに、ドライバーに違和感を与えることなく、車速制御を解除することを可能とする。車速制御手段により車速を減速させる制御中にドライバーによりブレーキペダル112のペダル操作が行われた場合に、ペダル操作によりマスタシリンダ111で発生されるドライバーブレーキ液圧Pdと、車速制御部131の減速度指令値Aに基づいてブレーキアク

チュエータ 1 2 1 で発生されるアクチュエータブレーキ液圧 P a とを比較して、ドライバブレーキ液圧 P d がアクチュエータブレーキ液圧 P a を上回るまで、車速制御部 1 3 1 からの減速指令値 A の出力を継続する。

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