

【翻訳後の明細書の例】

(特開 2020-190969 のデータの一部を翻訳させていただきました。ソフトの評価であり、英語の正しさは確認していません)

【0016】

Vehicle control device 1 is connected to, for example, outside recognizing device 11, inter-vehicle communication device 12, steering device 14, drive device 15, and braking device 16. Further, vehicle control device 1 is connected to CAN (not shown) which is a communication network of the own vehicle. Vehicle information such as vehicle speed, steering angle, and yaw rate is input to vehicle control device 1 from a group of sensors (not shown) provided on the own vehicle via CAN. The CAN (Controller Area Network) is an a network standard for connecting in-vehicle electronic circuits and various devices.

The outside recognizing device 11 is a device for acquiring information on the surrounding environment of the own vehicle. Examples of outside recognizing device 11 include an in-vehicle stereo camera that photographs the front of the own vehicle, and an in-vehicle camera that photographs the surrounding environment of the front, rear, right side, and left side of the own vehicle, respectively.

【符号の説明】

【0065】

1 … vehicle control device、 1 1 … outside recognizing device、 1 2 … inter-vehicle communication device、 1 4 … steering device、 1 5 … drive device、 1 6 … braking device、 1 0 1 … surrounding environment recognition unit、 1 0 2 … running track generation unit、 1 0 3 … vehicle control unit、 1 0 4 … road information acquisition unit、 1 0 5 … inter-vehicle communication receiver、 1 0 6 … obstacle avoidance planning generation unit、 1 0 7 … inter-vehicle communication transmitter、 2 1 … vehicle (following vehicle)、 2 2 … vehicle (discovered vehicle)、 2 3 … vehicle (oncoming vehicle)

【Claims】

【claim 1】

An automatic drive control method using an obstacle avoidance plan for multiple vehicles on a given travel route, wherein

a first vehicle included in the multiple vehicles detects an obstacle on its own travel route,

it is determined whether the first vehicle is included in the multiple vehicles and a

second vehicle detects the obstacle, and

an obstacle avoidance plan in cooperation with at least one of the multiple vehicles is created, having a directive right to create a obstacle avoidance plan which is a driving plan to avoid the obstacle for the plurality of vehicle, when the first vehicle determines that the second vehicle does not detect the obstacle.