

Title (en)

SYSTEM AND METHOD TO MAKE POSSIBLE AUTONOMOUS OPERATION AND/OR EXTERNAL CONTROL OF A MOTOR VEHICLE

Title (de)

SYSTEM UND VERFAHREN ZUR ERMÖGLICHUNG DES AUTONOMEN BETRIEB UND/ODER DER EXTERNEN STEUERUNG EINES KRAFTFAHRZEUGS

Title (fr)

SYSTÈME ET PROCÉDÉ POUR RENDRE POSSIBLE UN FONCTIONNEMENT AUTONOME ET/OU UNE COMMANDE EXTERNE D'UN VÉHICULE À MOTEUR

Publication

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Application

EP 14864102 A 20141119

Priority

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Abstract (en)

[origin: WO2015076734A1] The invention concerns a system (200) to make possible autonomous operation and/or external control of a motor vehicle, comprising an external control system (205) arranged to generate a signal (S1) comprising at least one control parameter for autonomous operation and/or external control of the said motor vehicle, and a control system (270) that is internal to the vehicle comprising a control unit (220) and operating systems (230; 240; 250), in which the control unit (220) is arranged in communicative connection with the operating systems (230; 240; 250). In which a computer interface (210) is arranged in communicative connection with the external control system (205) and the control system (270) that is internal to the vehicle, whereby the computer interface (210) is arranged to transfer the signal (S1) from the external control system (205) to the control system (270) that is internal to the vehicle, and whereby the control system (270) that is internal to the vehicle is arranged to determine whether at least one pre-determined criterion to allow autonomous operation and/or external control of the motor vehicle is satisfied, in which the, at least one, pre-determined criterion is associated with a limitation with respect to the duration of the use of autonomous operation and/or external control. The invention concerns also a method to make possible autonomous operation and/or external control of a motor vehicle, and a motor vehicle (100, 1 10) comprising such a system (200).

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Citation (search report)

- [X] DE 202013100347 U1 20130305 - FORD GLOBAL TECH LLC [US]
- [E] WO 2015014894 A2 20150205 - VALEO SCHALTER & SENSOREN GMBH [DE]
- [A] US 5774069 A 19980630 - TANAKA HIROAKI [JP], et al
- [A] US 5906645 A 19990525 - KAGAWA KAZUNORI [JP], et al
- See references of WO 2015076734A1

Designated contracting state (EPC)

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