

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 PERMETTANT LE FONCTIONNEMENT AUTONOME ET/OU LA COMMANDE EXTERNE D'UN VÉHICULE À MOTEUR

Publication

EP 3072024 A4 20170802 (EN)

Application

EP 14864465 A 20141119

Priority

- SE 1351384 A 20131121
- SE 2014051370 W 20141119

Abstract (en)

[origin: WO2015076732A1] The invention concerns a system (200) to make possible autonomous operation and/or the 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 the control of the said motor vehicle, and a control system (270) that is internal to the vehicle, comprising a control unit (220). At the system (200), 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. The said control unit (220) is arranged to determine whether a predetermined condition is prevalent at the said motor vehicle (100) in order to allow the initiation of autonomous operation and/or external control, where the predetermined condition at the said motor vehicle (100) comprises that the motor vehicle (100) is stationary. 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).

IPC 8 full level

B60W 30/00 (2006.01); **B60W 60/00** (2020.01); **G05D 1/02** (2020.01)

CPC (source: EP SE)

B60W 30/00 (2013.01 - EP); **B60W 60/00** (2020.02 - SE); **B60W 60/0051** (2020.02 - SE); **G05D 1/0022** (2024.01 - EP); **G05D 1/221** (2024.01 - SE); **G05D 1/248** (2024.01 - SE); **G05D 1/617** (2024.01 - SE); **B60W 2520/04** (2013.01 - SE); **G05D 2101/10** (2024.01 - SE); **G05D 2105/05** (2024.01 - SE)

Citation (search report)

- [X] US 5448479 A 19950905 - KEMNER CARL A [US], et al
- [A] DE 202013100347 U1 20130305 - FORD GLOBAL TECH LLC [US]
- [A] WO 9109275 A2 19910627 - CATERPILLAR INC [US]
- See references of WO 2015076732A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2015076732 A1 20150528; EP 3072024 A1 20160928; EP 3072024 A4 20170802; SE 1451385 A1 20150522; SE 538131 C2 20160315

DOCDB simple family (application)

SE 2014051370 W 20141119; EP 14864465 A 20141119; SE 1451385 A 20141119