Title (en)

SYSTEM CONFIGURATION AND METHOD TO MAKE POSSIBLE THE AUTONOMOUS OPERATION OF A VEHICLE

Title (de)

SYSTEMKONFIGURATION UND VERFAHREN ZUR ERMÖGLICHUNG DES AUTONOMEN BETRIEBS EINES FAHRZEUGS

Title (fr)

CONFIGURATION DE SYSTÈME ET PROCÉDÉ PERMETTANT LE FONCTIONNEMENT AUTONOME D'UN VÉHICULE

Publication

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Application

EP 14864174 A 20141119

Priority

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Abstract (en)

[origin: WO2015076736A1] The invention concerns a system configuration to make possible the autonomous operation of a vehicle (100), comprising: - a first layer (210) arranged to determine a configuration of the surroundings and, based on the said configuration of the surroundings, to generate at least one control signal for the autonomous operation of the said vehicle; - a second layer (220) arranged to adapt the said control signal from the said first layer (210) for a third layer (230); and - a first computer interface (215) arranged in communicative connection with the said first layer (210) and the said second layer (220), in which the said first computer interface (215) is arranged to transfer the said, at least one, control signal for the said operation from the said first layer (210) to the said second layer (220), and whereby the said computer interface (215) is configured according to a predetermined standard, independent of the first layer (210) and the second layer (220). The invention concerns also a method to make possible the autonomous operation of a vehicle and a vehicle (100; 11) adapted to make possible autonomous operation in accordance with the said system configuration.

IPC 8 full level

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Citation (search report)

[X] DAVID G ARMSTRONG II ET AL: "A MODULAR, SCALABLE, ARCHITECTURE FOR UNMANNED VEHICLES", 20 December 2000 (2000-12-20), XP055387955, Retrieved from the Internet <URL:http://cimar.mae.ufl.edu/CIMAR/pages/pubs/auvsi_2000.pdf> [retrieved on 20170705]

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