

Title (en)  
VEHICLE CONTROL DEVICE MOUNTED ON VEHICLE AND METHOD FOR CONTROLLING THE VEHICLE

Title (de)  
AUF EINEM FAHRZEUG MONTIERTE FAHRZEUGSTEUERUNGSVORRICHTUNG UND VERFAHREN ZUR STEUERUNG DES FAHRZEUGS

Title (fr)  
DISPOSITIF DE COMMANDE DE VÉHICULE MONTÉ SUR UN VÉHICULE ET PROCÉDÉ DE COMMANDE DU VÉHICULE

Publication  
**EP 3475134 A4 20200401 (EN)**

Application  
**EP 17815712 A 20170621**

Priority

- US 201662354087 P 20160623
- KR 20170033338 A 20170316
- US 201715625234 A 20170616
- KR 2017006523 W 20170621

Abstract (en)  
[origin: KR20180000672A] The present invention relates to a vehicle control device provided in a vehicle, and a vehicle control method. According to an embodiment of the present invention, the vehicle control device comprises: a communications unit for acquiring location information on a vehicle, and formed to perform communications with at least one of an external server and another vehicle; a sensing unit formed to sense information on the vehicle; and a processor for controlling the communications unit to receive map information from the external server and location information on another vehicle from the another vehicle. The processor fuses the obtained location information on the vehicle and the received location information on the another vehicle with the received map information, and controls the vehicle on the basis of at least one between the fused map information and the information on the vehicle sensed through the sensing unit. Accordingly, a vehicle is able to be autonomously driven in an optimized method.

IPC 8 full level  
**B60W 30/14** (2006.01); **B60W 30/00** (2006.01); **B60W 30/09** (2012.01); **B60W 50/14** (2020.01); **G05D 1/00** (2006.01); **G05D 1/02** (2020.01); **G08G 1/01** (2006.01); **G08G 1/0967** (2006.01); **G08G 1/16** (2006.01)

CPC (source: EP KR US)  
**B60W 30/14** (2013.01 - KR); **B60W 40/02** (2013.01 - KR); **B60W 50/14** (2013.01 - EP KR); **B60W 60/001** (2020.02 - KR); **B60W 60/0015** (2020.02 - EP); **G05D 1/0276** (2024.01 - US); **G08G 1/0112** (2013.01 - EP KR); **G08G 1/0116** (2013.01 - EP KR); **G08G 1/0133** (2013.01 - EP KR); **G08G 1/0141** (2013.01 - EP KR); **G08G 1/0965** (2013.01 - EP KR US); **G08G 1/096708** (2013.01 - EP KR); **G08G 1/096741** (2013.01 - EP KR); **G08G 1/096775** (2013.01 - EP KR); **G08G 1/096791** (2013.01 - EP KR); **G08G 1/163** (2013.01 - EP KR); **G08G 1/164** (2013.01 - EP KR); **G08G 1/167** (2013.01 - EP); **B60W 2050/0005** (2013.01 - KR); **B60W 2050/143** (2013.01 - KR); **B60W 2552/10** (2020.02 - EP); **B60W 2554/4042** (2020.02 - EP); **B60W 2554/801** (2020.02 - EP); **B60W 2554/802** (2020.02 - EP KR); **B60W 2554/805** (2020.02 - EP); **B60W 2556/40** (2020.02 - EP); **B60W 2556/45** (2020.02 - EP KR)

Citation (search report)

- [I] US 2016028824 A1 20160128 - STENNETH LEON OLIVER [US], et al
- [A] US 2011054716 A1 20110303 - STAEBLIN ULRICH [DE], et al
- [A] US 2011087433 A1 20110414 - YESTER JOHN L [US]
- [A] DE 102012007367 A1 20121108 - DAIMLER AG [DE]
- See also references of WO 2017222299A1

Cited by  
EP3974271A4

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)  
EP 3475134 A1 20190501; EP 3475134 A4 20200401; KR 102275507 B1 20210712; KR 20180000672 A 20180103

DOCDB simple family (application)  
EP 17815712 A 20170621; KR 20170033338 A 20170316