

Title (en)

SYSTEM AND METHOD FOR IDENTIFYING DIAGNOSING, SERVICING AND REPAIRING A VEHICLE

Title (de)

SYSTEM UND VERFAHREN ZUM IDENTIFIZIEREN, DIAGNOSTIZIEREN, WARTEN UND REPARIEREN EINES FAHRZEUGS

Title (fr)

SYSTÈME ET PROCÉDÉ POUR IDENTIFIER, DIAGNOSTIQUER, ENTREtenIR ET RÉPARER UN VÉHICULE

Publication

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Application

**EP 12701235 A 20120109**

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Abstract (en)

[origin: WO2012110263A1] The invention relates to a method for identifying, diagnosing, servicing and repairing a vehicle (10) in a workshop. Said method consists of the following steps: a first vehicle test device (3a) is connected to a first work station (41) and a mobile communication interface (VCI, 1) which is operationally ready to be installed in a vehicle (10) is selected and comprises a detection component (48) and a diagnosis server system (2) installed on a central workshop server (45); a VCI (1) is connected to the vehicle (10), a communication connection is established between the VCI (1) and a central diagnosis server system (2) installed on a central workshop server (45), identification data for the vehicle (10) is stored in the (1) via the central diagnosis server system (2); first tests are carried out on the vehicle (10) using the first vehicle test device (3a) and/or the VCI (1); the first vehicle test device (3a) is separated from the vehicle (10); a second vehicle test device (3b) is connected to the vehicle (10); the identification data is read out from the VCI (1) via the central diagnosis sever system (2) in the second vehicle test device (3b) on a second work station (42), and test are carried out on the vehicle (10) using the second vehicle test device (3b) and/or the VCI (1).

IPC 8 full level

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Citation (examination)

- US 2006052919 A1 20060309 - HONG SEOK-WOO [KR], et al
- US 2014188331 A1 20140703 - AMIRPOUR RAMON [DE], et al
- US 2009265055 A1 20091022 - GILLIES WINSTON LYNN [US]
- WO 2008127243 A1 20081023 - BOSCH GMBH ROBERT [DE], et al
- WO 2008127247 A1 20081023 - BOSCH GMBH ROBERT [DE], et al
- DON GILMAN: "Flexible Diagnoseplattform - Modulare Plattform für die Kommunikation mit dem Fahrzeug", INTERNET CITATION, 1 January 2006 (2006-01-01), XP002462024, Retrieved from the Internet <URL:[http://www.gilmanconsultinggroup.com/articles/VCI\\_hanser\\_automotive.pdf](http://www.gilmanconsultinggroup.com/articles/VCI_hanser_automotive.pdf)> [retrieved on 10770101]

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