

Title (en)  
DUPLICATED PROCESSING IN VEHICLES

Title (de)  
DUPLIZIERTE VERARBEITUNG IN FAHRZEUGEN

Title (fr)  
TRAITEMENT DOUBLÉ DANS DES VÉHICULES

Publication  
**EP 2972180 A4 20170906 (EN)**

Application  
**EP 14774996 A 20140228**

Priority  
• US 201313830133 A 20130314  
• US 2014019201 W 20140228

Abstract (en)  
[origin: WO2014158667A1] The present disclosure describes a vehicle implementing one or more processing modules. These modules are configured to connect and interface with the various buses in the vehicle, where the various buses are connected with the various components of the vehicle to facilitate information transfer among the vehicle components. Each processing module is further modularized with the ability to add and replace other functional modules now or in the future. These functional modules can themselves act as distinct vehicle components. Each processing module may hand-off processing to other modules depending on its health, processing load, or by third-party control. Thus, the plurality of processing modules helps to implement a middleware point of control to the vehicle with redundancy in processing and safety and security awareness in their applications.

IPC 8 full level  
**G01M 17/00** (2006.01)

CPC (source: EP)  
**B60W 50/0098** (2013.01); **B60W 2050/0006** (2013.01)

Citation (search report)  
• [X] US 2012109446 A1 20120503 - YOUSEFI NARIMAN [US], et al  
• [A] WO 2005068262 A1 20050728 - TOYOTA MOTOR CO LTD [JP], et al  
• See references of WO 2014158667A1

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

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