

Title (en)  
METHODS AND CONTROL ARRANGEMENTS FOR DIAGNOSING SHORT-RANGE WIRELESS TRANSMISSION FUNCTIONALITY OF VEHICLES

Title (de)  
VERFAHREN UND STEUERUNGSANORDNUNGEN ZUR DIAGNOSE DER KURZSTRECKENDRAHTLOSÜBERTRAGUNGSFUNKTIONALITÄT VON FAHRZEUGEN

Title (fr)  
PROCÉDÉS ET AGENCEMENTS DE COMMANDE DESTINÉS À DIAGNOSTIQUER UNE FONCTIONNALITÉ DE TRANSMISSION SANS FIL À COURTE PORTÉE DE VÉHICULES

Publication  
**EP 3782142 A1 20210224 (EN)**

Application  
**EP 19788249 A 20190405**

Priority  
• SE 1850430 A 20180416  
• SE 2019050314 W 20190405

Abstract (en)  
[origin: WO2019203712A1] The disclosure relates to the present disclosure relates to techniques in the context of Vehicles-to- Everything, V2X, communication, and in particular to methods for diagnosing wireless transmission functionality of a vehicle supporting V2X. According to a first aspect, the disclosure relates to method for use in a first vehicle, for assisting a control arrangement in diagnosing a short-range wireless transmission functionality of a second vehicle. The method comprises measuring a distance between the first vehicle and the second vehicle and estimating a received signal quality of a short-range wireless signal transmitted by the second vehicle. The method further comprises transmitting a message indicative of the measured distance and the estimated received signal quality to the control arrangement. The disclosure also related to a corresponding method for diagnosing the short-range wireless transmission functionality and to a control unit, control arrangement and to a computer programs for performing the proposed methods.

IPC 8 full level  
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CPC (source: EP SE)  
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Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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