

Title (en)  
METHOD AND APPARATUS FOR DIAGNOSIS AND MONITORING OF VEHICLES, VEHICLE COMPONENTS AND ROUTES

Title (de)  
VERFAHREN UND VORRICHTUNG ZUR DIAGNOSE UND ÜBERWACHUNG VON FAHRZEUGEN, FAHRZEUGKOMPONENTEN UND FAHRWEGEN

Title (fr)  
PROCÉDÉ ET DISPOSITIF DE DIAGNOSTIC ET DE SURVEILLANCE DE VÉHICULES, DE COMPOSANTS DE VÉHICULE ET DE VOIES DE CIRCULATION

Publication  
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Application  
**EP 19727863 A 20190515**

Priority

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Abstract (en)  
[origin: WO2019219756A1] The invention relates to a method and an apparatus for diagnosis and monitoring of vehicles, vehicle components, routes and route components, wherein at least one first sensor (1) is used to perform measurements and at least one computing unit (10) is used to effect a signal processing (11). It is proposed that the at least one computing unit (10) be supplied with at least measured first signals (4), that at least one first characteristic value be formed from the at least first signals (4), that the at least one first characteristic value or at least one first characteristic value combination be classified by means of at least one first statistical model (15), or a prediction (14) be performed, and that at least one technical first condition indicator for at least one first vehicle component or at least one route component be determined. This achieves safe detection of faults, damage, excess wear, etc., and effective, condition-oriented maintenance of vehicles and infrastructures.

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