

Title (en)  
SYSTEM AND METHOD FOR ANALYZING THE ENERGY EFFICIENCY OF A MOTOR VEHICLE, IN PARTICULAR OF AN APPARATUS OF THE MOTOR VEHICLE

Title (de)  
SYSTEM UND VERFAHREN ZUR ANALYSE DER ENERGIEEFFIZIENZ EINES KRAFTFAHRZEUGS, INSBESONDERE EINER VORRICHTUNG DES KRAFTFAHRZEUGS

Title (fr)  
SYSTÈME ET PROCÉDÉ POUR ANALYSER L'EFFICACITÉ ÉNERGÉTIQUE D'UN VÉHICULE AUTOMOBILE, EN PARTICULIER D'UN DISPOSITIF D'UN VÉHICULE AUTOMOBILE

Publication  
**EP 3137358 A1 20170308 (DE)**

Application  
**EP 15721185 A 20150430**

Priority  
• DE 102014006321 A 20140430  
• EP 2015059545 W 20150430

Abstract (en)  
[origin: WO2015166064A1] The invention relates to a system (1) for analyzing an energy efficiency of a motor vehicle (2), having: a first device (4a, 4b), in particular a sensor, configured to detect a first data set of at least one first parameter, which is suitable to characterize energy consumed by at least one apparatus A, in particular a steering system or drive device (3); a second device (5a, 5b, 5c, 5d), in particular a sensor, configured to detect a second data set of at least one second parameter, which is suitable to characterize an operating state of the at least one apparatus A; a third device (6), configured to detect a third data set of at least one third parameter, which is suitable to characterize at least one driving state of the vehicle (2); a first comparison device (7), in particular part of a data processing device, configured to compare the values of the second data set with predefined parameter ranges which correspond to at least one operating state, and to compare the values of the third data set with predefined parameter ranges which correspond to at least one driving state; an allocation device (8), in particular part of the data-processing device, configured to allocate the values of the first data set and the values of the second data set to the respectively present at least one driving state; and a processing device (9), in particular part of the data-processing device, configured to determine at least one first characteristic value which characterizes at least the energy efficiency of the at least one apparatus A on the basis of the first data set and the second data set as a function of the at least one driving state.

IPC 8 full level  
**B60W 50/14** (2012.01); **G01M 17/00** (2006.01)

CPC (source: CN EP KR US)  
**B60W 10/20** (2013.01 - KR); **B60W 40/12** (2013.01 - US); **B60W 50/14** (2013.01 - CN EP KR US); **B60W 2050/146** (2013.01 - US); **B60W 2510/20** (2013.01 - CN EP KR US); **B60W 2510/30** (2013.01 - CN EP KR US); **B60W 2510/305** (2013.01 - CN EP KR US); **B60Y 2400/30** (2013.01 - KR)

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**DE 102014006321 A1 20151105**; CN 106660563 A 20170510; CN 106660563 B 20191210; EP 3137358 A1 20170308; JP 2017522213 A 20170810; JP 7053147 B2 20220412; KR 102353705 B1 20220119; KR 20160148670 A 20161226; US 10035515 B2 20180731; US 2017050644 A1 20170223; WO 2015166064 A1 20151105

DOCDB simple family (application)  
**DE 102014006321 A 20140430**; CN 201580036237 A 20150430; EP 15721185 A 20150430; EP 2015059545 W 20150430; JP 2016565309 A 20150430; KR 20167033436 A 20150430; US 201515307492 A 20150430