

Title (en)

METHOD AND DEVICE FOR CONTROLLING A TANK VENTILATION DEVICE FOR A MOTOR VEHICLE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM STEuern EINER TANKENTLÜFTUNGSVORRICHTUNG FÜR EIN KRAFTFAHRZEUG

Title (fr)

PROCÉDÉ ET DISPOSITIF DE COMMANDE D'UN DISPOSITIF D'ÉVACUATION D'AIR DU RÉSERVOIR D'UN VÉHICULE AUTOMOBILE

Publication

EP 2294306 B1 20150722 (DE)

Application

EP 09769088 A 20090527

Priority

- EP 2009056437 W 20090527
- DE 102008030089 A 20080625

Abstract (en)

[origin: WO2009156239A1] A method for controlling a tank ventilation device (102) for a motor vehicle (100) is proposed in which first of all a tank vent valve (28) of the tank ventilation device (102) is closed. Then, the value of a control signal for the tank vent valve (28) is increased in the sense of an opening of the tank vent valve (28) until a leak detection means (23, 31) associated with the tank ventilation device (102) recognizes a leak in the tank ventilation device (102). The value of the control signal at which the leak in the tank ventilation device (102) is recognized is identified as the opening control value for opening the tank vent valve (28). In this way, the opening control value for the tank vent valve (28) can be determined with a high frequency and precision.

IPC 8 full level

F02M 25/08 (2006.01)

CPC (source: EP US)

F02M 25/0809 (2013.01 - EP US); **F02M 25/0818** (2013.01 - EP US); **Y10T 137/0379** (2015.04 - EP US)

Cited by

DE102018110584A1

Designated contracting state (EPC)

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 SE SI SK TR

DOCDB simple family (publication)

WO 2009156239 A1 20091230; DE 102008030089 A1 20100107; EP 2294306 A1 20110316; EP 2294306 B1 20150722; KR 101262195 B1 20130515; KR 20110019760 A 20110228; US 2011139261 A1 20110616; US 8584654 B2 20131119

DOCDB simple family (application)

EP 2009056437 W 20090527; DE 102008030089 A 20080625; EP 09769088 A 20090527; KR 20107029447 A 20090527; US 200913000113 A 20090527