

Title (en)

METHOD AND DEVICE FOR THE LOW-EMISSION OPERATION OF A FUEL CELL TANK SYSTEM, ESPECIALLY OF A MOTOR VEHICLE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM EMISSIONSARMEN BETRIEB EINER BRENNSTOFFTANKANLAGE INSBESONDERE EINES KRAFTFAHRZEUGES

Title (fr)

PROCEDE ET DISPOSITIF POUR FAIRE FONCTIONNER AVEC PEU D'EMISSIONS UN SYSTEME DE RESERVOIR A CARBURANT MONTE EN PARTICULIER DANS UN VEHICULE AUTOMOBILE

Publication

EP 1183456 B1 20051207 (DE)

Application

EP 01913544 A 20010130

Priority

- DE 0100345 W 20010130
- DE 10012778 A 20000317

Abstract (en)

[origin: DE10012778A1] The method involves detecting at least one gas or vapor related state parameter inside the tank system and/or in the vehicle surroundings, detecting a pressure to be expected in the fuel tank system taking into account the detected state parameter and either feeding the gas or vapor out via an active carbon filter (12) for an overpressure or closing the tank system for leak testing using a detected vacuum. Independent claims are also included for the following: an arrangement for operation of a fuel tank system.

IPC 1-7

F02M 25/08

IPC 8 full level

B60K 15/077 (2006.01); **F02M 21/02** (2006.01); **F02M 25/08** (2006.01)

CPC (source: EP US)

F02M 25/0809 (2013.01 - EP US)

Designated contracting state (EPC)

DE GB SE

DOCDB simple family (publication)

DE 10012778 A1 20010927; BR 0105175 A 20020219; DE 50108284 D1 20060112; EP 1183456 A1 20020306; EP 1183456 B1 20051207; JP 2003527530 A 20030916; JP 4564221 B2 20101020; US 2002157655 A1 20021031; US 6782873 B2 20040831; WO 0169072 A1 20010920

DOCDB simple family (application)

DE 10012778 A 20000317; BR 0105175 A 20010130; DE 0100345 W 20010130; DE 50108284 T 20010130; EP 01913544 A 20010130; JP 2001567927 A 20010130; US 97910701 A 20011119