

Title (en)

Method and apparatus for emission monitoring of a storage container for storing a volatile medium, in particular of a fuel reservoir of a vehicle

Title (de)

Verfahren und Vorrichtung zum emissionsüberwachenden Betrieb eines Vorratsbehältnisses zur Bevorratung eines flüchtigen Mediums, insbesondere eines Kraftstoffvorratstanks eines Kraftfahrzeuges

Title (fr)

Procédé et appareil de surveillance d'émissions d'un réservoir pour stockage d'un liquide volatile, notamment d'un réservoir de carburant d'un véhicule

Publication

EP 1288483 A3 20051221 (DE)

Application

EP 02016161 A 20020720

Priority

DE 10140954 A 20010827

Abstract (en)

[origin: EP1288483A2] The method enables operation of a fluid container whilst monitoring emissions and checking that the container is sealed. The temperature of the fluid relative to e.g. ambient temperature, is determined using calculation models, either continuously or cyclically. The measured value is then either used as a correction value when checking the sealing of the container or, alternatively, the seal check is only carried out when the determined temperature is within predetermined temperature values. Independent claims also cover a circuit for carrying out the method.

IPC 1-7

F02M 25/08

IPC 8 full level

F02M 25/08 (2006.01)

CPC (source: EP US)

F02M 25/0809 (2013.01 - EP US)

Citation (search report)

- [X] US 5243944 A 19930914 - BLUMENSTOCK ANDREAS [DE]
- [A] US 5251592 A 19931012 - SEKI YASUNARI [JP], et al
- [A] US 5823167 A 19981020 - FUKUCHI HIRONAO [JP], et al
- [A] US 5259424 A 19931109 - MILLER CHARLES E [US], et al
- [A] US 6234152 B1 20010522 - FRITZ THORSTEN [DE], et al

Cited by

EP1760303A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

EP 1288483 A2 20030305; EP 1288483 A3 20051221; EP 1288483 B1 20090923; DE 10140954 A1 20030403; DE 50213862 D1 20091105; US 2003037599 A1 20030227; US 6829555 B2 20041207

DOCDB simple family (application)

EP 02016161 A 20020720; DE 10140954 A 20010827; DE 50213862 T 20020720; US 22820902 A 20020827