

Title (en)

Vapour recovery system for a vehicle fuel tank

Title (de)

Tankentlüftungssystem für einen Fahrzeug-Kraftstofftank

Title (fr)

Système de récupération de la vapeur pour réservoir de combustible de véhicule

Publication

**EP 1956228 A1 20080813 (EN)**

Application

**EP 07250510 A 20070208**

Priority

EP 07250510 A 20070208

Abstract (en)

A vapour recovery system for a vehicle fuel tank comprising a canister (10) defining at least one chamber (11) containing an adsorbent material for adsorbing fuel from fuel vapour laden air, the canister (10) having an inlet (13) for communication with the headspace of a vehicle fuel tank, a vent outlet (14) for communication with the atmosphere and a purge outlet (15) for communication with the air intake of the vehicle engine, a first flow path (16) between the inlet (13) and the vent outlet (14), and a second flow path (17) between the inlet (13) and the purge outlet (15), wherein the second flow path (17) has a greater flow restriction and/or residence time than the first flow path (16).

IPC 8 full level

**F02M 25/08** (2006.01)

CPC (source: EP)

**F02M 25/0854** (2013.01); **F02M 25/089** (2013.01)

Citation (applicant)

- US 5957114 A 19990928 - JOHNSON PHILIP JEFFREY [US], et al
- EP 1507081 A1 20050216 - DELPHI TECH INC [US]

Citation (search report)

- [X] EP 1507081 A1 20050216 - DELPHI TECH INC [US]
- [XY] US 5957114 A 19990928 - JOHNSON PHILIP JEFFREY [US], et al
- [Y] EP 0631043 A1 19941228 - MANN & HUMMEL FILTER [DE]
- [A] US 6237574 B1 20010529 - JAMROG JAMES RICHARD [US], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**EP 1956228 A1 20080813**; CN 101239582 A 20080813; CN 101239582 B 20100804

DOCDB simple family (application)

**EP 07250510 A 20070208**; CN 200810005488 A 20080205