

Title (en)

FUEL TANK ISOLATION VALVE HAVING BYPASS CONFIGURATION

Title (de)

KRAFTSTOFFTANKABSPERRVENTIL MIT BYPASS-KONFIGURATION

Title (fr)

SOUPAPE D'ISOLATION DE RÉSERVOIR DE CARBURANT AYANT UNE CONFIGURATION DE DÉRIVATION

Publication

EP 3134284 A4 20180207 (EN)

Application

EP 15783377 A 20150427

Priority

- US 201461984424 P 20140425
- US 2015027740 W 20150427

Abstract (en)

[origin: WO2015164858A1] A fuel tank system constructed in accordance to one example of the present disclosure includes a fuel tank, a purge canister, a valve assembly and a bypass means. The valve assembly can be fluidly coupled between the fuel tank and the purge canister and that selectively controls fuel vapor flow between the fuel tank and the purge canister. The bypass means can selectively bypass fuel vapor around at least a portion of the valve assembly from the fuel tank to the purge canister. The bypass means can include a bypass valve.

IPC 8 full level

B60K 15/035 (2006.01); **B60K 15/03** (2006.01); **F02M 25/08** (2006.01); **F02M 37/00** (2006.01)

CPC (source: EP)

B60K 15/03519 (2013.01); **F02M 25/0836** (2013.01); **B60K 2015/03296** (2013.01); **B60K 2015/03302** (2013.01); **B60K 2015/03514** (2013.01); **B60K 2015/03585** (2013.01); **B60Y 2400/402** (2013.01); **F02M 2025/0845** (2013.01)

Citation (search report)

- [X] JP 2013173406 A 20130905 - TOYOTA MOTOR CORP
- [A] US 4196751 A 19800408 - FISCHER DONN R [US], et al
- [A] EP 2537697 A1 20121226 - INERGY AUTOMOTIVE SYSTEMS RES [BE]
- See references of WO 2015164858A1

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

DOCDB simple family (publication)

WO 2015164858 A1 20151029; EP 3134284 A1 20170301; EP 3134284 A4 20180207

DOCDB simple family (application)

US 2015027740 W 20150427; EP 15783377 A 20150427