

Title (en)  
Method for testing a tank purge system

Title (de)  
Verfahren zum Prüfen eines Tankentlüftungssystems

Title (fr)  
Procédé de controle pour système de purge de réservoir

Publication  
**EP 1013917 B1 20040218 (DE)**

Application  
**EP 99123162 A 19991122**

Priority  
• DE 19860750 A 19981223  
• DE 19908138 A 19990225

Abstract (en)  
[origin: EP1013917A2] The method involves feeding volatile gas containing. hydrogen emanating from the tank (14) via a filter arrangement (32) in which it is collected. The filter arrangement is subjected to a vacuum to feed the filter material via a induction system (16) of an induction process into an internal combustion engine, whereby the connection between the filter arrangement and induction system is opened and closed by a clocked switching device. A drive signal for the switching device is cross-correlated with a measurement parameter defining the state of the induction system, and a correlation coefficient is evaluated as a diagnostic signal for the tank venting system.

IPC 1-7  
**F02M 25/08**

IPC 8 full level  
**F02D 41/00** (2006.01); **F02D 41/22** (2006.01); **F02M 25/08** (2006.01)

CPC (source: EP)  
**F02M 25/0809** (2013.01); **F02D 2200/0406** (2013.01)

Cited by  
US10202944B2; ITBO20120538A1; EP1179671A3; EP1179671A2; US7047798B2; FR3027956A1; KR20170077152A; RU2695244C2; WO03033901A1; WO2016066937A1

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