

Title (en)

Method for diagnosing evaporative losses from a fuel tank of an internal combustion engine

Title (de)

Verfahren zur Diagnose von Verdunstungsverlusten aus einem Brennstofftank eines Verbrennungsmotors

Title (fr)

Procédé pour diagnostiquer les pertes d'évaporation d'un réservoir de carburant dans un moteur à combustion interne

Publication

EP 2108808 A1 20091014 (EN)

Application

EP 08425230 A 20080408

Priority

EP 08425230 A 20080408

Abstract (en)

Method for diagnosing evaporative losses from a fuel tank (3) of an internal combustion engine (1); the method of diagnosis consisting of: isolating the tank (3); pressurizing/depressurizing the tank (3) by means of a pneumatic machine (12) driven by an electric motor (13); measuring the time profile of at least one characteristic value of the electric motor (13); calculating the frequency range of the characteristic value of the electric motor (13); and diagnosing the rate of evaporative loss from the tank (3) as a function of the frequency range of the characteristic value of the electric motor (13).

IPC 8 full level

F02M 25/08 (2006.01)

CPC (source: EP)

F02M 25/0818 (2013.01)

Citation (search report)

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US2018080415A1; US10221811B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

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