

Title (en)

Method and system for detecting the dilution of the lubricant by the fuel

Title (de)

Verfahren und System zur Detektion der Verdünnung des Schmiermittels durch den Brennstoff

Title (fr)

Procédé et système de détection de la dilution du lubrifiant par le carburant

Publication

EP 2067946 A1 20090610 (EN)

Application

EP 07122384 A 20071205

Priority

EP 07122384 A 20071205

Abstract (en)

Method for detecting the dilution of the lubricant of an internal-combustion engine having a crankcase and a series of combustion chambers delimited by a cylinder open in its lower part toward said crankcase and a movable piston in said cylinder, comprising the measurement of hydrocarbons (HC) in gases withdrawn from the crankcase of said engine by means of a provided sensor (6). System having the function to apply said method and vehicle equipped with said system.

IPC 8 full level

F01M 1/18 (2006.01)

CPC (source: EP)

F01M 1/18 (2013.01); **F01M 2001/165** (2013.01); **F02B 37/00** (2013.01); **F02D 41/1459** (2013.01); **F02D 2250/11** (2013.01); **F02M 25/06** (2013.01)

Citation (applicant)

JP H10317936 A 19981202 - NIPPON SOKEN

Citation (search report)

- [A] FR 2862087 A1 20050513 - RENAULT SAS [FR]
- [A] EP 1586752 A1 20051019 - FORD GLOBAL TECH LLC [US]
- [A] FR 2890411 A1 20070309 - PEUGEOT CITROEN AUTOMOBILES SA [FR]

Cited by

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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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

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EP 2067946 A1 20090610; **EP 2067946 B1 20120711**; AU 2008249218 A1 20090625; AU 2008249218 B2 20130516; BR PI0822412 A2 20131210; BR PI0822412 B1 20190219; BR PI0822412 B8 20200218; CN 101451987 A 20090610; CN 101451987 B 20130717; ES 2390597 T3 20121114

DOCDB simple family (application)

EP 07122384 A 20071205; AU 2008249218 A 20081126; BR PI0822412 A 20081205; CN 200810183669 A 20081204; ES 07122384 T 20071205