

Title (en)

Engine control method which ensures an oil dilution which does not exceed a a maximum oil dilution at the next service

Title (de)

Regelverfahren für einen Motor welches eine maximale Ölverdünnung bis zur nächsten Inspektion zulässt

Title (fr)

Procédé de commande d'un moteur garantissant une dilution de gazole maximum à la révision

Publication

**EP 2472088 B1 20200101 (FR)**

Application

**EP 11191355 A 20111130**

Priority

FR 1150050 A 20110104

Abstract (en)

[origin: EP2472088A1] The method involves determining remaining distance to be traveled (100) till next lubricating oil change in an internal combustion engine. Concentration of fuel in the oil expectable at the next oil change is calculated (102) based on current frequency of regeneration fuel injections. A regeneration fuel injection frequency, for which the concentration of fuel expectable at the next oil change is less than a preset threshold (104), is calculated (106) if the calculated concentration exceeds the threshold. The regeneration fuel injections (108) are carried out with the calculated frequency.

IPC 8 full level

**F02D 41/02** (2006.01); **F02D 41/04** (2006.01); **F02D 41/14** (2006.01)

CPC (source: EP)

**F02D 41/027** (2013.01); **F02D 41/047** (2013.01); **F02D 2041/1433** (2013.01); **F02D 2250/11** (2013.01)

Cited by

FR2993611A1; FR3033440A1; KR20150069000A; EP2642105A1; FR2988438A1; US9938910B2; WO2014060291A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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