

Title (en)

System and method for predicting soot content in diesel engines

Title (de)

Vorrichtung und Verfahren zur Vorhersage des Russgehalts in einer Diesel-Brennkraftmaschine

Title (fr)

Dispositif et méthode pour déterminer la présence de suie dans l'huile des moteurs Diesel

Publication

EP 1296026 A1 20030326 (EN)

Application

EP 02078488 A 20020823

Priority

US 95654601 A 20010919

Abstract (en)

A method for predicting soot content in diesel engines (12) includes generating a look-up table of the rates of soot introduction into the engine oil based on one or more engine operating conditions. A control module (16) monitors the engine operating condition and determines the soot content in the oil based thereon. When the soot content exceeds a predetermined critical soot content value, the control module (16) sends a signal to an output device (20) to indicate that the engine oil must be changed to avoid damage to the engine (12). <IMAGE>

IPC 1-7

F01M 11/10

IPC 8 full level

F01M 11/10 (2006.01)

CPC (source: EP US)

F01M 11/10 (2013.01 - EP US); **F01M 2011/1466** (2013.01 - EP US)

Citation (search report)

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