

Title (en)

Improvements in or relating to methods of and apparatuses for determining opening of injectors.

Title (de)

Verfahren und Einrichtung zur Bestimmung der Öffnung von Einspritzdüsen.

Title (fr)

Procédé et appareil pour déterminer l'ouverture d'injecteurs.

Publication

EP 0055563 A1 19820707 (EN)

Application

EP 81305960 A 19811218

Priority

- GB 8040969 A 19801222
- GB 8130970 A 19811014

Abstract (en)

In order to determine the opening of a fuel injector of, for instance, a compression ignition engine, an electro-acoustic transducer such as a contact microphone monitors the acoustic waves produced by the injector. A monitoring circuit detects when the level of the output signals of the transducer increases, this increase being indicative of opening of the injector. By comparing the opening time of the injector with the position of the crankshaft, the timing of the engine can be checked without requiring dismantling.

IPC 1-7

F02M 65/00

IPC 8 full level

F02M 65/00 (2006.01); **F02B 1/04** (2006.01); **F02B 3/06** (2006.01)

CPC (source: EP)

F02M 65/00 (2013.01); **F02M 65/005** (2013.01); **F02B 1/04** (2013.01); **F02B 3/06** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT DE FR IT NL SE

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