

Title (en)

Method for driving an internal combustion engine during a temporary failure of an electromagnetic valve actuator

Title (de)

Verfahren zum Betrieb einer Kolbenbrennkraftmaschine bei zeitweiligem Funktionsausfall eines elektromagnetischen Ventiltriebs

Title (fr)

Procédé de commande d'un moteur à combustion interne dans le cas d'une défectuosité de fonctionnement temporaire d'un actionneur de soupape électromagnétique

Publication

EP 1096113 B1 20040512 (DE)

Application

EP 00119080 A 20000902

Priority

DE 19951315 A 19991025

Abstract (en)

[origin: EP1096113A2] The engine operating method responds to a detected function failure of the electromagnetic operating drive (7.1,7.2) for the gas changing valve of one of the engine cylinders (1), indicated by the electronic engine control, for supplying the electromagnets (8,9) of the failed gas changing valve with a current for bringing the valve armature (10) into a given end position, with control of the electromagnetic operating drive for movement from this end position for restoring the cylinder operating cycle. The fuel feed to the corresponding engine cylinder can be interrupted during the detected function failure.

IPC 1-7

F01L 9/04; **F02D 41/22**

IPC 8 full level

F01L 9/20 (2021.01); **F02D 13/02** (2006.01); **F02D 41/22** (2006.01)

CPC (source: EP US)

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US 6422185 B1 20020723; AT E266801 T1 20040515; DE 19951315 A1 20010426; DE 50006392 D1 20040617; EP 1096113 A2 20010502; EP 1096113 A3 20021218; EP 1096113 B1 20040512; JP 2001159337 A 20010612

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