

Title (en)

Method for the pilot opening of an exhaust gas valve of an engine with an electromechanical valve mechanism

Title (de)

Verfahren zum Voröffnen eines Auslassventils für einen Motor mit einem elektromechanischen Ventilmechanismus

Title (fr)

Procédé de commande de l'ouverture préalable d'une soupape d'échappement pour un moteur à distribution électromécanique

Publication

**EP 1138884 B1 20190130 (FR)**

Application

**EP 01400292 A 20010206**

Priority

FR 0001492 A 20000207

Abstract (en)

[origin: FR2804716A1] The method uses a solenoid operated valve with a stem having a cross plate moving in a gap between two solenoids with end stop control springs. The method involves forming a low gas pressure (curve a) in the cylinder via an initial opening (b) of the valve, without having complete opening (c). The initial opening movement of the valve can be performed entirely by one coil spring.

IPC 8 full level

**F01L 9/20** (2021.01)

CPC (source: EP)

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Citation (examination)

EP 0810350 A1 19971203 - TOYOTA MOTOR CO LTD [JP]

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