

Title (en)

Electromagnetic valve actuator for internal combustion engine and engine comprising such an actuator

Title (de)

Elektromagnetischer Aktuator zur Betätigung eines Gaswechselventils an einer Kolbenbrennkraftmaschine und Brennkraftmaschine mit einem solchen Aktuator

Title (fr)

Actionneur électromécanique de commande de soupape pour moteur interne et moteur à combustion interne muni d'un tel actionneur

Publication

**EP 1450011 B1 20100526 (FR)**

Application

**EP 04300049 A 20040127**

Priority

FR 0301950 A 20030218

Abstract (en)

[origin: EP1450011A2] The actuator has an electromagnet (700) formed by a support (704) in the form of E. The electromagnet includes a magnet (702) situated in the branches of support. A mobile magnetic plate (710) comes in contact with the electromagnet. The magnet is located on a surface of the electromagnet with respect to the plate. The magnetic plate concentrates the flux of a magnetic field in the support. An independent claim is also included for an internal combustion engine comprising an electro-mechanical actuator for an inlet valve.

IPC 8 full level

**F01L 9/20** (2021.01); **H01F 7/06** (2006.01)

CPC (source: EP US)

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