

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 soupape pour moteur à combustion interne et moteur à combustion interne muni d'un tel actionneur

Publication

**EP 1450010 B1 20160713 (FR)**

Application

**EP 04300048 A 20040127**

Priority

FR 0301945 A 20030218

Abstract (en)

[origin: EP1450010A2] The actuator has an electromagnet and a movable magnetic chuck (306) in contact with the electromagnet. A stopper (B 300) is situated on the electromagnet or on the chuck to limit contact surface between the chuck and the electromagnet. The stopper is situated at the center of the electromagnet surface. The stopper is situated on an axis collinear with an axis of translation of the chuck. An independent claim is also included for an internal combustion engine.

IPC 8 full level

**F01L 9/20** (2021.01); **H01F 7/16** (2006.01)

CPC (source: EP US)

**F01L 9/20** (2021.01 - EP US); **F01L 2009/2136** (2021.01 - EP US); **F01L 2009/2148** (2021.01 - EP US); **F01L 2009/2151** (2021.01 - EP US)

Citation (examination)

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DOCDB simple family (publication)

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