

Title (en)

Electromagnetic valve actuator with electromagnet for an internal combustion engine

Title (de)

Elektromagnetischer Ventil-Aktuator mit Elektromagnet für eine Brennkraftmaschine

Title (fr)

Actionneur électromagnétique à un électroaimant pour soupape de moteur à combustion interne

Publication

EP 1229560 B1 20090114 (FR)

Application

EP 02290176 A 20020124

Priority

FR 0101372 A 20010201

Abstract (en)

[origin: EP1229560A1] The electromagnetic driver has a body with a feed coil (3) and a magnetic plate (16) connected to the valve (18) drive unit (17). The drive unit has a spring return (20,21). There is a permanent magnet (6) in the electromagnet body with a field perpendicular to the feed coil field.

IPC 8 full level

H01F 7/16 (2006.01); **F01L 9/20** (2021.01); **H01F 7/122** (2006.01)

CPC (source: EP)

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Designated contracting state (EPC)

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