

Title (en)
ELECTROMAGNETIC ACTUATOR

Title (de)
ELEKTROMAGNETISCHER AKTUATOR

Title (fr)
ACTIONNEUR ELECTROMAGNETIQUE

Publication
EP 1157194 A1 20011128 (DE)

Application
EP 00988809 A 20001229

Priority
• DE 10000045 A 20000102
• EP 0013322 W 20001229

Abstract (en)
[origin: DE10000045A1] Disclosed is an electromagnetic actuator which drives the valve of an internal combustion engine. An armature is controlled by means of magnetic force in conjunction with oppositely directed spring forces. The movement of the armature is transmitted to the valve stem by means of a valve compensating element. Said hydraulic backlash compensating element is arranged directly on the armature and is preferably connected to a pressure source by means of a flexible line.

IPC 1-7
F01L 9/04

IPC 8 full level
F01L 9/20 (2021.01)

CPC (source: EP)
F01L 9/20 (2021.01); **F01L 2009/2109** (2021.01)

Citation (search report)
See references of WO 0149982A1

Designated contracting state (EPC)
DE FR

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