

Title (en)

Actuation device, valve means and operating method

Title (de)

Stellvorrichtung, Ventileinrichtung und Betriebsverfahren

Title (fr)

Actionneur, système de soupape et procédé de fonctionnement associé

Publication

EP 2189993 B1 20180530 (DE)

Application

EP 09175582 A 20091110

Priority

- DE 102008058525 A 20081121
- DE 102008059449 A 20081128

Abstract (en)

[origin: EP2189993A2] The device (5) has an anchor (13) mounted in a stator and pivotably displacing between end positions in a pivot axis (7). Electromagnets (10) are arranged in the stator and produce electromagnetic attraction forces. Contact surfaces (20, 21) of the anchor lie at respective stator-sided contact surfaces (18) in the respective end positions of the anchor. A sensor (12) measures a parameter of magnetic field, which is produced by the electromagnets, during operation of the actuating device. The parameter is dependent on anchor movement and/or anchor position. Independent claims are also included for the following: (1) a valve device for influencing a gas flow in a gas path (2) a method for operating an actuating device.

IPC 8 full level

H01F 7/14 (2006.01); **H01F 7/18** (2006.01)

CPC (source: EP)

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