

Title (en)

ELECTROMAGNETIC ACTUATOR FOR ACTUATING A GAS-EXCHANGING VALVE

Title (de)

ELEKTROMAGNETISCHER AKTUATOR ZUR BETÄTIGUNG EINES GASWECHSELVENTILS

Title (fr)

ACTIONNEUR ELECTROMAGNETIQUE POUR L'ACTIONNEMENT D'UNE SOUPAPE D'ECHANGE DE GAZ

Publication

**EP 1029159 A1 20000823 (DE)**

Application

**EP 98951332 A 19980829**

Priority

- DE 19744714 A 19971010
- EP 9805510 W 19980829

Abstract (en)

[origin: DE19744714C1] The actuator operates a valve (7) which has a valve shaft (8). A moving coil (12) is coaxial with and connected to the valve shaft. The coil dips into a radially magnetised air gap (11) of an annular, axially magnetised permanent magnet (10).

IPC 1-7

**F01L 9/04**

IPC 8 full level

**F01L 9/20** (2021.01)

CPC (source: EP US)

**F01L 9/20** (2021.01 - EP US); **F01L 2009/2105** (2021.01 - EP US)

Citation (search report)

See references of WO 9919609A1

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