

Title (en)

ELECTROMAGNETIC DUAL-COIL VALVE ACTUATOR WITH PERMANENT MAGNET

Title (de)

ELEKTROMAGNETISCHER VENTILAKTUATOR MIT ZWEI SPULEN UND PERMANENTMAGNETEN

Title (fr)

ACTIONNEUR ELECTROMAGNETIQUE DE SOUPAPE BIBOBINE A AIMANT PERMANENT.

Publication

EP 1576260 A1 20050921 (FR)

Application

EP 03799639 A 20031219

Priority

- FR 0303807 W 20031219
- FR 0216520 A 20021223

Abstract (en)

[origin: FR2849101A1] The drive unit moves between two end positions using a spring. There are two coils (21) and a permanent magnet (25). A center section (18,22) defines a magnetic flux path (29) from the coil. The magnetic path passes near to the outside of the permanent magnet.

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 2009/2148** (2021.01 - EP US)

Citation (search report)

See references of WO 2004061276A1

Designated contracting state (EPC)

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