

Title (en)

ELECTROMAGNETIC ACTUATOR APPARATUS.

Title (de)

ELEKTROMAGNETISCHES BETÄTIGUNGSGERÄT.

Title (fr)

APPAREIL D'ACTIONNEMENT ELECTROMAGNETIQUE.

Publication

EP 0179911 A4 19860723 (EN)

Application

EP 84901014 A 19840305

Priority

JP 8400084 W 19840305

Abstract (en)

[origin: WO8504044A1] An electromagnetic actuator apparatus is provided with a permanent magnet (16) inserted parallel to a magnetic circuit constituted by a fixed member (12) around which a coil (11) is wound and a movable member (14). The movable member (14) is retained within an air gap inside the fixed member (12) so that it operates in a bistable or monostable manner.

IPC 1-7

H01F 7/08; **H01F 7/16**

IPC 8 full level

H01F 7/16 (2006.01); **H01F 7/122** (2006.01)

CPC (source: EP)

H01F 7/1646 (2013.01); **H01F 7/122** (2013.01)

Citation (search report)

- [X] US 3772540 A 19731113 - BENSON G
- [X] US 4157520 A 19790605 - LEAH CHARLES W [US], et al
- [A] GB 958501 A 19640521 - PHILIPS ELECTRICAL IND LTD
- [A] GB 1466555 A 19770309 - ITT CREED
- [A] US 3859547 A 19750107 - MASSIE PHILIP E
- [A] PATENTS ABSTRACTS OF JAPAN, vol. 7, no. 276 (E-215)[1421],9th December 1983; & JP - A - 58 157 104 (MATSUSHITA DENKO)
- See references of WO 8504044A1

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