

Title (en)

Circuit for controlling a bistable magnetic actuator

Title (de)

Schaltungsanordnung zur Steuerung eines bistabilen magnetischen Aktuators

Title (fr)

Circuit de commande d'un actionneur magnétique bistable

Publication

EP 0887814 B1 20040421 (DE)

Application

EP 98110117 A 19980603

Priority

DE 19726562 A 19970623

Abstract (en)

[origin: EP0887814A2] The control circuit has a pair of electrical windings (L1,L2) which are each connected in series with a respective semiconductor switch (S1,S2) connected in parallel with closure of one or other switch for switching the magnetic actuator between its stable positions. A further parallel arm with a free-running diode (D) and a cancellation resistance (R) is connected in parallel with the electrical windings, all 3 parallel arms connected in series with a discharge switch (So) for an energy store (E).

IPC 1-7

H01F 7/18; **H01H 47/22**

IPC 8 full level

H01F 7/18 (2006.01); **H01H 47/22** (2006.01)

CPC (source: EP)

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Cited by

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DE FR GB NL

DOCDB simple family (publication)

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