

Title (en)

Monostable electromagnetic rotary armature relay.

Title (de)

Monostabiles elektromagnetisches Drehankerrelais.

Title (fr)

Relais électromagnétique monostable à armature rotative.

Publication

**EP 0001802 A1 19790516 (DE)**

Application

**EP 78101214 A 19781024**

Priority

DE 2750142 A 19771109

Abstract (en)

[origin: US4206431A] An electromagnetic relay provided with a rotating armature and two yoke arms, which form equally acting working air gaps, a monostable switching characteristic being achieved by means of respective additional pole pieces, whereby each yoke arm of the relay is disposed between a respective pole piece and a cooperable leg of the armature, at least one of the pole pieces being coupled to the armature over a permanent magnet.

Abstract (de)

Elektromagnetisches Relais mit einem Drehanker, welcher an beiden Enden gleichwirkende Arbeitsluftspalte mit zwei Jochschenkeln zur Erzielung einer monostabilen Schaltcharakteristik bildet. Mittels eines zusätzlichen Polstücks umfaßt jedes Ankerende den zugehörigen Jochschenkel zangenförmig; zumindest eines der Polstücke ist über einen Dauermagneten an den Anker angekoppelt.

IPC 1-7

**H01H 50/24**

IPC 8 full level

**H01H 50/18** (2006.01); **H01H 51/22** (2006.01)

CPC (source: EP US)

**H01H 51/2227** (2013.01 - EP US)

Citation (search report)

- FR 1353958 A 19640228 - APP ELECTRO MECANIQUE G P S A
- CH 522285 A 19720615 - ZELLWEGER USTER AG [CH]
- DE 2407184 A1 19750828 - SCHALTBAU GMBH
- DE 1270691 B 19680620 - CONST RADIOELECTRIQUES DE MONT

Cited by

EP0034811A1

Designated contracting state (EPC)

BE CH FR GB NL SE

DOCDB simple family (publication)

**EP 0001802 A1 19790516; EP 0001802 B1 19810429**; AT 373721 B 19840210; AT A723878 A 19830615; DE 2750142 A1 19790510; DE 2750142 C2 19850808; DK 145479 B 19821122; DK 145479 C 19830418; DK 496678 A 19790510; IT 1100058 B 19850928; IT 7829394 A0 19781103; JP S5475559 A 19790616; JP S6034773 B2 19850810; US 4206431 A 19800603

DOCDB simple family (application)

**EP 78101214 A 19781024**; AT 723878 A 19781009; DE 2750142 A 19771109; DK 496678 A 19781108; IT 2939478 A 19781103; JP 13775878 A 19781108; US 95755578 A 19781103