

Title (en)
POLARISED ELECTROMAGNETIC RELAY

Publication
EP 0118715 B1 19870513 (DE)

Application
EP 84101008 A 19840201

Priority
DE 3303665 A 19830203

Abstract (en)
[origin: US4551698A] A polarized electromagnetic relay including a coil body positioned over a core, and having at least one winding thereon. A permanent magnet is positioned in close proximity to the coil body. An armature externally embraces the coil winding and with the permanent magnet forms two working air gaps. Contact elements are provided embedded in a pedestal, the contact elements being disposed below the coil body. A monostable or a bistable switching behavior of the relay can be achieved by varying the design and disposition of the coil body, the windings, and one or more permanent magnets.

IPC 1-7
H01H 51/22

IPC 8 full level
H01H 51/22 (2006.01)

CPC (source: EP US)
H01H 51/2272 (2013.01 - EP US)

Cited by
EP0355817A3; EP0282099A3; EP0487069A3; US5270674A; US4993787A; EP0293199A3

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CH DE FR GB LI

DOCDB simple family (publication)
DE 3303665 A1 19840809; DE 3463707 D1 19870619; EP 0118715 A1 19840919; EP 0118715 B1 19870513; JP S59143235 A 19840816; US 4551698 A 19851105

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DE 3303665 A 19830203; DE 3463707 T 19840201; EP 84101008 A 19840201; JP 1619484 A 19840202; US 55846683 A 19831206