

Title (en)
POLARISED ELECTROMAGNETIC RELAY

Publication
EP 0077017 B1 19870107 (DE)

Application
EP 82109237 A 19821006

Priority
DE 3140226 A 19811009

Abstract (en)
[origin: US4481493A] A polarized electromagnetic relay has two U-shaped angled yokes which are parallelly disposed on opposite sides of a permanent magnet. Each yoke has two free lateral legs projecting upwardly at opposite ends of the yoke respectively forming two pairs of yoke legs with the legs of the other yoke. A U-shaped pivotable armature is disposed between the pairs of yoke legs, the armature having downwardly angled legs at its opposite free ends. The two yokes in combination with the permanent magnet are embedded in a coil body. A cup-shaped base body open toward the bottom of the relay is inverted over the coil body, the base body having a bearing for the armature and a plurality of embedded contact terminal pins. In combination with a housing cap, the base body forms a contact space which is sealed from the coil winding and from the exterior atmosphere.

IPC 1-7
H01H 51/22

IPC 8 full level
H01H 50/36 (2006.01); **H01H 50/16** (2006.01); **H01H 51/22** (2006.01)

CPC (source: EP US)
H01H 51/2263 (2013.01 - EP US)

Cited by
EP0094086A3; EP1418605A1

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DOCDB simple family (publication)
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