

Title (en)
POLARISED ELECTROMAGNETIC RELAY

Publication
EP 0056085 B1 19850911 (DE)

Application
EP 81108176 A 19811009

Priority
DE 3100817 A 19810113

Abstract (en)
[origin: US4403203A] A polarized electromagnetic relay has a coil core body comprised of insulating material having a ferromagnetic movable contact element disposed in a hollow interior thereof, the movable contact element having a free end movable between two pole plates which are mounted in a flange of said coil body and which enclose a permanent magnet in a chamber of the coil body. The movable contact element is secured at its opposite end to a carrier which forms a ferromagnetic flux guidance plate extending substantially through the entire interior of the coil which is wound about the coil body and which terminates in close proximity to the pole plates.

IPC 1-7
H01H 51/22; **H01H 50/04**

IPC 8 full level
H01H 50/04 (2006.01); **H01H 51/22** (2006.01)

CPC (source: EP US)
H01H 50/043 (2013.01 - EP US); **H01H 51/2254** (2013.01 - EP US)

Cited by
FR2616959A1; EP0304185A3

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0056085 A1 19820721; **EP 0056085 B1 19850911**; AT E15568 T1 19850915; BR 8200135 A 19821103; DE 3100817 A1 19820812; DE 3172242 D1 19851017; JP S57141838 A 19820902; PT 74269 A 19820201; PT 74269 B 19830823; US 4403203 A 19830906

DOCDB simple family (application)
EP 81108176 A 19811009; AT 81108176 T 19811009; BR 8200135 A 19820112; DE 3100817 A 19810113; DE 3172242 T 19811009; JP 234982 A 19820112; PT 7426982 A 19820112; US 32344481 A 19811120