

Title (en)
Electromagnetic relay.

Title (de)
Elektromagnetisches Relais.

Title (fr)
Relais électromagnétique.

Publication
EP 0308819 B1 19940323 (DE)

Application
EP 88115141 A 19880915

Priority
US 10069387 A 19870924

Abstract (en)
[origin: US4792776A] A miniature relay (1) capable of switching high currents combines the armature spring function with that of at least one (72, 73) movable contact. One end (71) of the spring is attached to the core (3) while the other end (75) is movable and attached to the armature (75) in the vicinity of the working air gap (36). Various shaped springs are utilized to support the movable contact and mechanically bias the armature to maintain the working air gap.

IPC 1-7
H01H 50/56; **H01H 50/16**; **H01H 50/02**

IPC 8 full level
H01H 51/06 (2006.01); **H01H 50/02** (2006.01); **H01H 50/54** (2006.01); **H01H 50/56** (2006.01)

CPC (source: EP US)
H01H 50/026 (2013.01 - EP US); **H01H 50/548** (2013.01 - EP US)

Cited by
DE102016207199A1; AT402579B

Designated contracting state (EPC)
CH DE FR GB LI

DOCDB simple family (publication)
US 4792776 A 19881220; DE 3888611 D1 19940428; EP 0308819 A2 19890329; EP 0308819 A3 19900718; EP 0308819 B1 19940323; JP H01102828 A 19890420

DOCDB simple family (application)
US 10069387 A 19870924; DE 3888611 T 19880915; EP 88115141 A 19880915; JP 23514288 A 19880921