

Title (en)  
RELAY FOR HIGH-FREQUENCY CIRCUITS

Publication  
**EP 0183867 B1 19890201 (EN)**

Application  
**EP 84114797 A 19841205**

Priority  
EP 84114797 A 19841205

Abstract (en)  
[origin: EP0183867A1] An electromagnetic relay for use in a high-frequency circuit includes an armature (3) mounted on a central shaft (16) for pivotal movement between two switching positions. A total of four actuator cards (5) are disposed on two opposite sides of the armature (3) each card carrying a contact spring (8). Each contact spring serves to bridge a pair of fixed contacts (6, 7). The contact springs and fixed contacts are located in shield casings (9) disposed on both sides of the armature (3). Return springs (19) urge the cards (5) into abutment with the respective sides of the armature (3). Sufficient electrical separation as required for high-frequency applications is achieved between the two contact systems due to the intermediate disposition of the armature (3). The provision of an individual actuator card (5) for each contact spring (8) permits independent adjustment of each contact.

IPC 1-7  
**H01H 50/64**; **H01H 50/10**; **H01H 50/24**; **H01H 51/22**

IPC 8 full level  
**H01H 50/10** (2006.01); **H01H 51/22** (2006.01); **H01H 50/58** (2006.01)

CPC (source: EP)  
**H01H 50/10** (2013.01); **H01H 51/2227** (2013.01); **H01H 50/58** (2013.01)

Cited by  
EP1103997A3; EP0361442A3; CN109997209A; EP2394285A4; TWI662576B

Designated contracting state (EPC)  
CH DE FR GB IT LI

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**EP 0183867 A1 19860611**; **EP 0183867 B1 19890201**; DE 3476604 D1 19890309

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