

Title (en)  
ELECTROMAGNETIC RELAY

Publication  
**EP 0072975 B1 19850515 (DE)**

Application  
**EP 82107301 A 19820811**

Priority  
DE 3132239 A 19810814

Abstract (en)  
[origin: US4491813A] An electromagnetic relay has a bar-shaped armature which is mounted at one end at a coil flange in a carrier comprised of insulating material, in which center contact blades are also mounted at opposite sides of the armature such that movement of the armature is transmitted to the contact blades through the carrier, thus eliminating the plunger which is normally present for contact actuation. The offset positioning of the contact blades with respect to the armature in the carrier causes friction which substantially prevents damaging impact of the contact pads of the contact blades with respectively mating stationary contact pads.

IPC 1-7  
**H01H 50/60**

IPC 8 full level  
**H01H 51/06** (2006.01); **H01H 50/42** (2006.01); **H01H 50/54** (2006.01); **H01H 50/60** (2006.01); **H01H 51/22** (2006.01)

CPC (source: EP US)  
**H01H 50/548** (2013.01 - EP US); **H01H 51/2245** (2013.01 - EP US)

Cited by  
EP0167942A1; EP0192928A1; EP0089670A3; EP0096350A3

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

DOCDB simple family (publication)  
**EP 0072975 A1 19830302; EP 0072975 B1 19850515**; AT E13373 T1 19850615; DE 3132239 A1 19830317; DE 3132239 C2 19861204; DE 3263539 D1 19850620; JP H0117215 B2 19890329; JP S5838432 A 19830305; US 4491813 A 19850101

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**EP 82107301 A 19820811**; AT 82107301 T 19820811; DE 3132239 A 19810814; DE 3263539 T 19820811; JP 13996882 A 19820813; US 40123682 A 19820723