

Title (en)  
ELECTROMAGNETIC RELAY

Publication  
**EP 0133582 A3 19850403 (DE)**

Application  
**EP 84109509 A 19840809**

Priority  
DE 3329239 A 19830812

Abstract (en)  
[origin: US4567457A] An electromagnetic relay is provided which has a core yoke embedded in a base body, the core yoke comprising a yoke leg at both coil ends which proceed perpendicular to the coil axis. A U-shaped armature has its first lateral leg seated on the first yoke leg and has its second lateral leg forming an operating air gap relative to the second yoke leg. A contact and bearing spring is secured to the armature, the contacting end of the contact and bearing spring laterally embracing the armature and the core yoke and interacting at that side of the core yoke which lies opposite the armature with at least one cooperating contact plate.

IPC 1-7  
**H01H 50/16**; **H01H 50/54**

IPC 8 full level  
**H01H 51/06** (2006.01); **H01H 50/16** (2006.01); **H01H 50/24** (2006.01); **H01H 50/54** (2006.01)

CPC (source: EP US)  
**H01H 50/16** (2013.01 - EP US); **H01H 50/548** (2013.01 - EP US)

Citation (search report)  
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• [A] US 2107848 A 19380208 - BARRETT EDWARD L  
• [A] DE 2537462 A1 19760311 - MATSUSHITA ELECTRIC WORKS LTD  
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• [A] GB 1361938 A 19740730 - INT STANDARD ELECTRIC CORP  
• [A] BE 457294 A  
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Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 0133582 A2 19850227**; **EP 0133582 A3 19850403**; **EP 0133582 B1 19870401**; AT E26362 T1 19870415; DE 3329239 A1 19850221; DE 3462966 D1 19870507; JP S6062032 A 19850410; US 4567457 A 19860128

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