

Title (en)  
Polarized, bistable relay.

Title (de)  
Polarisiertes, bistabiles Relais.

Title (fr)  
Relais polarisé et bistable.

Publication  
**EP 0053154 A1 19820609 (DE)**

Application  
**EP 81901539 A 19810603**

Priority  
DE 3021184 A 19800604

Abstract (en)  
[origin: WO8103578A1] The relay, intended to switch high currents/powers, is comprised of a coil body (2) with a core (5) and an associated yoke (4) acting on an armature (9) pivotingly arranged within the relay casing, which actuates the contacts according to its position. In order to switch high currents/powers by means of electronic control circuits, the relay is provided with a polarised driving system having a permanent magnet (8) and a switching system having a double contact cut-off.

Abstract (fr)  
Le relais, destine a commuter des courants/ puissances eleves, est constitue d'un corps de bobine (2) avec noyau (5) et d'une culasse (4) associee agissant sur une armature (9) disposee de maniere pivotante dans le boitier du relais, qui actionne les contacts suivant sa position. Afin de permettre de commuter des courants/puissances eleves a l'aide de circuits de commande electroniques, le relais presente un systeme d'entrainement polarise ayant un aimant permanent (8) et un systeme de commutation ayant une double coupure de contact.

IPC 1-7  
**H01H 51/22**

IPC 8 full level  
**H01H 50/54** (2006.01); **H01H 51/22** (2006.01); **H01H 1/20** (2006.01); **H01H 50/32** (2006.01)

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