

Title (en)  
POLARIZED RELAY

Title (de)  
POLARISIERTES RELAIS

Title (fr)  
RELAIS POLARISE

Publication  
**EP 0796503 B1 19980916 (DE)**

Application  
**EP 95941587 A 19951205**

Priority  
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Abstract (en)  
[origin: DE4445069A1] The invention concerns a polarized relay having an electromagnet which comprises an exciting coil (2) and a coil core (3) disposed therein. Each end face of the electromagnet bears a permanent magnet (4) which can be displaced along the magnetic axis thereof. The two permanent magnets face the end faces of the electromagnet with like poles. Whilst having a very simple structure with only one exciting coil, this relay is tristable and is suitable in particular for controlling a commutator motor.

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**H01H 51/22**

IPC 8 full level  
**H01H 51/22** (2006.01); **H01H 1/58** (2006.01); **H01H 50/02** (2006.01)

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