

Title (en)  
ELECTROMAGNETIC RELAY

Publication  
**EP 0125199 B1 19861120 (DE)**

Application  
**EP 84710013 A 19840404**

Priority  
DE 3312805 A 19830409

Abstract (en)  
[origin: EP0125199A1] 1. Electromagnetic relay, in particular miniature relay, with a housing block consisting of plastic material which has two side walls (3) running parallel to each other which have cut-out portions (26, 27) into which the magnet yoke (8) extends with its lateral edges without any play in such a way that the position of the magnetic system is fixed in the assembled state of the housing block, characterized in that the magnet yoke (18), viewed in the longitudinal direction (25), rests on each side at two points at a distance from each other on a supporting web (31, 32) in the cut-out portions (26, 27) and that in a first pair of cut-out portions (27) situated opposite to each other the supporting webs (32) which are there integral with said side walls (3) of the housing and the portions (34) opposite to these of the side walls (3) of the housing which limit the said cut-outs there are capable, through thermal and/or ultrasonic deformation, of being deformed and thereby cause a pivoting of the magnet yoke (18) around the supporting webs (31) in the second pair of cut-out portions in such a way that, by means of said change of position of said magnet yoke (18), the position of the armature (19) is adjustable in relation to the contact system (8) to be operated, the first pair of cut-out portions (27) being so disposed and the supporting webs (32) situated therein being of such a shape in the undeformed state that, even when the relay is not energized, the armature (19) is already in the operating position.

IPC 1-7  
**H01H 50/16**; **H01H 69/01**

IPC 8 full level  
**H01H 50/16** (2006.01); **H01H 69/01** (2006.01)

CPC (source: EP)  
**H01H 50/16** (2013.01); **H01H 69/01** (2013.01); **H01H 2011/0075** (2013.01)

Cited by  
EP0252343A1; FR2714207A1

Designated contracting state (EPC)  
AT BE FR GB IT

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**EP 0125199 A1 19841114**; **EP 0125199 B1 19861120**; AT E23762 T1 19861215; AU 2662284 A 19841011; AU 567927 B2 19871210; CA 1235447 A 19880419; DE 3312805 A1 19841025; DE 3312805 C2 19850418; ES 278660 U 19851216; ES 278660 Y 19860716

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