

Title (en)  
FLAT-TYP RELAY PARTICULARLY FLAT-TYP MINIATURE RELAY

Publication  
**EP 0331134 A3 19900725 (DE)**

Application  
**EP 89103553 A 19890301**

Priority  
DE 3806806 A 19880303

Abstract (en)  
[origin: EP0331134A2] Flat relays are known whose magnet system and whose contact arrangement are arranged in chambers separated from one another. The coil terminals and the contact terminals are in this case led out on different sides. Such a flat relay is intended to be provided with in-line or dual-in-line terminals and it is intended to increase the electric strength between adjacent terminal elements. The invention is based on the idea of increasing the electric strength by means of an isolating wall. The terminal elements (35, 36) for the coil (7) of the magnet system are arranged directly, e.g. at the grid-size spacing of 2.5 mm, adjacent to the live terminal element (41) of the contact arrangement (31, 32) and are internally separated therefrom by an isolating wall (44). In consequence, the spacing with respect to the externally provided grid size can be reduced internally, without the electric strength decreasing. For use in the case of flat relays, especially miniature flat relays. <IMAGE>

IPC 1-7  
**H01H 50/02**; **H01H 50/14**

IPC 8 full level  
**H01H 50/02** (2006.01); **H01H 50/14** (2006.01); **H01H 51/22** (2006.01)

CPC (source: EP)  
**H01H 50/026** (2013.01); **H01H 50/14** (2013.01); **H01H 51/2227** (2013.01)

Citation (search report)

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