

Title (en)  
ELECTROMAGNETIC RELAY

Publication  
**EP 0237610 A3 19890816 (DE)**

Application  
**EP 86107305 A 19860529**

Priority  
DE 3609726 A 19860321

Abstract (en)  
[origin: EP0237610A2] Electromagnetic relay having a spring clamp used for holding a magnetic coil provided with an armature which can pivot and a spring contact set, the longitudinal axis of the spring contact set running parallel to the longitudinal axis of the magnetic coil, and the armature being supported such that it can pivot on the magnet system with its free end, acting on the changeover contact spring of the spring contact set via a nipple, the operating chain between the armature and the changeover contact spring enclosing a spring path, the free end of the armature being designed as an elongated operating limb and having a nipple at its free end which delays the pivoting movement of the armature by means of a spring arrangement as well as transmitting it in a sprung manner to the changeover contact spring and supporting the contact rest in a sprung manner. In another embodiment, the spring path between the armature and nipple is designed in the form of a leaf spring or of another elastic-spring element, as an elongated operating limb. <IMAGE>

IPC 1-7  
**H01H 50/66**; **H01H 50/58**

IPC 8 full level  
**H01H 50/58** (2006.01); **H01H 50/66** (2006.01); **H01H 1/50** (2006.01)

CPC (source: EP)  
**H01H 50/58** (2013.01); **H01H 50/66** (2013.01); **H01H 1/50** (2013.01)

Citation (search report)

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Designated contracting state (EPC)  
CH GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0237610 A2 19870923**; **EP 0237610 A3 19890816**; **EP 0237610 B1 19920129**; DE 3609726 C1 19871029; DK 167945 B1 19940103; DK 253786 A 19870922; DK 253786 D0 19860529

DOCDB simple family (application)  
**EP 86107305 A 19860529**; DE 3609726 A 19860321; DK 253786 A 19860529