

Title (en)
ELECTROMAGNETIC RELAY

Publication
EP 0110133 B1 19860806 (DE)

Application
EP 83110709 A 19831026

Priority
DE 3240184 A 19821029

Abstract (en)
[origin: US4539539A] An electromagnetic relay has a tongue armature disposed inside a hollow coil body and having a free end movable between two cooperating pole plates, and a fixed end having an additional spring section disposed at an angle with respect to the movable portion of the armature, the spring section being secured to one of the coil flanges, thereby extending the effective free spring length of the armature so as to improve the sensitivity of the relay. The position of the armature with respect to the pole plates is adjustable after encapsulation of the relay by irradiating the spring section of the armature with thermal pulses, such as laser pulses at specified locations.

IPC 1-7
H01H 51/22; **H01H 49/00**; **H01H 50/18**

IPC 8 full level
H01H 49/00 (2006.01); **H01H 50/18** (2006.01); **H01H 50/34** (2006.01); **H01H 50/56** (2006.01); **H01H 51/22** (2006.01)

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US 53503683 A 19830923; AT 83110709 T 19831026; DE 3240184 A 19821029; DE 3365166 T 19831026; EP 83110709 A 19831026; JP 19771983 A 19831024