

Title (en)
ELECTROMAGNETIC RELAY

Publication
EP 0374304 B1 19930623 (DE)

Application
EP 88121581 A 19881223

Priority
EP 88121581 A 19881223

Abstract (en)
[origin: EP0374304A1] For mounting the armature at the free end of the yoke, the relay has a leaf spring (10) which forms on the one hand a bearing plate (11) resting on the yoke and on the other hand a restoring spring (16) formed on in one piece. The restoring spring is cut free with a first section (16a) out of the centre of the bearing plate (11) so that the bearing plate is divided into two plate sections (12) on which the armature rests solely with lateral regions of its bearing edge. In addition, the restoring spring is cut at its free end in an arc shape approximately symmetrically in respect of the central axis of the bearing plate. In this way, an approximately symmetrical restoring force acting on the armature is obtained.
<IMAGE>

IPC 1-7
H01H 50/28

IPC 8 full level
H01H 50/26 (2006.01); **H01H 50/28** (2006.01); **H01H 50/34** (2006.01)

CPC (source: EP US)
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Cited by
DE19544625A1; US5900791A; DE19544625C2; WO9819321A1

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EP 0374304 A1 19900627; EP 0374304 B1 19930623; AT E91041 T1 19930715; DE 3882049 D1 19930729; ES 2040826 T3 19931101; JP H02226632 A 19900910; US 5065127 A 19911112

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