

Title (en)
ELECTROMAGNETIC RELAY

Publication
EP 0246621 B1 19900926 (DE)

Application
EP 87107291 A 19870519

Priority
DE 3617188 A 19860522

Abstract (en)
[origin: US4745382A] A relay comprises a spool with flanges (2, 3), an angular yoke (7) and an angular armature (9) positioned in front of the free end of the yoke (7). A contact element (8) attached to the free end of the yoke is provided for contacting of the relay spring (10c), which is connected with said armature. During the assembly process an armature assembly including an armature (9), connecting element (8) and leaf spring (10) is preassembled and subsequently mounted as a single unit onto the yoke (7). Since all connecting elements are connected with the spool or with the yoke, additional soldering to the base is not required. This physical configuration enables a fully automatic production of the relay.

IPC 1-7
H01H 50/14; **H01H 50/28**

IPC 8 full level
H01H 50/04 (2006.01); **H01H 50/02** (2006.01); **H01H 50/14** (2006.01); **H01H 50/28** (2006.01)

CPC (source: EP US)
H01H 50/021 (2013.01 - EP US); **H01H 50/14** (2013.01 - EP US); **H01H 50/28** (2013.01 - EP US); **H01H 1/5822** (2013.01 - EP US)

Cited by
EP0784331A3; EP0768693A3; US5982257A; FR2649532A1; WO9819321A1

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