

Title (en)  
ELECTROMAGNETIC RELAY

Publication  
**EP 0281950 B1 19920805 (DE)**

Application  
**EP 88103312 A 19880303**

Priority  
DE 3708286 A 19870313

Abstract (en)  
[origin: US4837538A] An electromagnetic relay includes a coil member having flanges and an angular yoke and a flat armature seated in front of a free end of the yoke. A terminal angle is secured to a leg of the yoke and serves for bearing the armature and for connection of a contact spring connected to the armature. During assembly, the armature assembly composed of the armature, the terminal angle and the leaf spring is preassembled and joined to the coil assembly. Afterwards, the entire magnetic system assembly is placed into a pedestal assembly which includes terminal elements and plug shafts for the coil terminals as well as cooperating contact elements. The plug shafts in the pedestal can be optionally equipped with different cooperating contact elements.

IPC 1-7  
**H01H 50/04**; **H01H 50/14**; **H01H 50/28**

IPC 8 full level  
**H01H 50/04** (2006.01); **H01H 50/14** (2006.01); **H01H 50/28** (2006.01); **H01H 1/58** (2006.01); **H01H 11/00** (2006.01); **H01H 50/02** (2006.01); **H01H 50/60** (2006.01)

CPC (source: EP US)  
**H01H 50/042** (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); **H01H 11/0012** (2013.01 - EP US); **H01H 50/021** (2013.01 - EP US); **H01H 50/60** (2013.01 - EP US)

Cited by  
US5235301A; DE102018109875A1; EP0768693A3; CN102138195A; US5903201A; US5256087A; EP0409613A3; US5216397A; EP0484587A1; US5170322A; EP0777248A3; US8432241B2; WO9111818A1; WO2010023045A1; WO9701182A1; WO9113453A1

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**EP 0281950 A1 19880914**; **EP 0281950 B1 19920805**; DE 3873380 D1 19920910; JP S63248029 A 19881014; US 4837538 A 19890606

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