

Title (en)  
ELECTROMAGNETIC RELAY

Publication  
**EP 0214469 B1 19901128 (DE)**

Application  
**EP 86110873 A 19860806**

Priority  
• DE 3528715 A 19850809  
• DE 3543092 A 19851205

Abstract (en)  
[origin: US4684910A] An electromagnetic relay includes a coil having a winding between two coil flanges wherein one of the coil flanges forms a pocket-shaped contact chamber. An angled yoke is provided for the coil on which is seated a flat armature that is secured by an armature retaining spring. Male retaining members extending from the angled yoke mount the retaining spring and can be bent to set the armature restoring force. Separation of the moving parts of the relay at an end face of one coil flange from the winding enables casting compound to fill the winding space and seal the contact chamber.

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

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

CPC (source: EP US)  
**H01H 50/28** (2013.01 - EP US)

Cited by  
EP0697706A3; EP0484592A3

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0214469 A1 19870318; EP 0214469 B1 19901128; DE 3675852 D1 19910110; US 4684910 A 19870804**

DOCDB simple family (application)  
**EP 86110873 A 19860806; DE 3675852 T 19860806; US 89482586 A 19860808**