

Title (en)
ELECTROMAGNETIC RELAY

Publication
EP 0251034 B1 19910410 (DE)

Application
EP 87108704 A 19870616

Priority
DE 3620975 A 19860623

Abstract (en)
[origin: US4818965A] In a relay including an angle yoke (5), a flat armature (8) and a thin base plate (6) applied to the outside of the yoke, which forms a bearing groove (7) for the armature (8) together with the rectangularly cut end face (5a) of the yoke. The armature is pushed into the bearing groove by a predetermined particularly shaped bearing spring (15) and acted upon by a reset rotational moment. Through this arrangement, a space saving and cost-efficient construction of the relay with constant armature bearing force is obtained as well as low response efficiency.

IPC 1-7
H01H 50/28

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

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

Cited by
EP0374304A1; US4958137A; EP0363976A1; US11887797B2

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

DOCDB simple family (publication)
EP 0251034 A1 19880107; EP 0251034 B1 19910410; AT E62563 T1 19910415; DE 3769211 D1 19910516; ES 2021301 B3 19911101; JP 2518853 B2 19960731; JP S6324521 A 19880201; US 4818965 A 19890404

DOCDB simple family (application)
EP 87108704 A 19870616; AT 87108704 T 19870616; DE 3769211 T 19870616; ES 87108704 T 19870616; JP 14931287 A 19870617; US 5549787 A 19870528