

Title (en)
ELECTROMAGNETIC RELAY

Publication
EP 0251035 B1 19911121 (DE)

Application
EP 87108705 A 19870616

Priority
DE 3620974 A 19860623

Abstract (en)
[origin: US4827234A] A relay features two base-structured components (1 & 2) in the shape of half of a bowl having a winding (3) mounted on it. Two pole plates (6 & 7) are embedded in a common plane in one (2) of the base-structural components. The ends of the pole plates extend into a contact space (4 & 5). Paralleling the pole plates inside the contact space is a bridge armature (8) that is secured to a frame-shaped spring (9) in a plane coextensive with the separation between the two jointed base-structural components. The connection elements extend out of the sides of the base structure in the spool flanges and are bent down.

IPC 1-7
H01H 50/04; H01H 51/28

IPC 8 full level
H01H 50/44 (2006.01); **H01H 50/04** (2006.01); **H01H 50/16** (2006.01); **H01H 51/28** (2006.01)

CPC (source: EP US)
H01H 50/043 (2013.01 - EP US); **H01H 51/28** (2013.01 - EP US)

Cited by
WO8909999A1; US6252479B1; WO9801880A1

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

DOCDB simple family (publication)
EP 0251035 A1 19880107; EP 0251035 B1 19911121; AT E69668 T1 19911215; DE 3774623 D1 19920102; ES 2026863 T3 19920516; JP S6326919 A 19880204; US 4827234 A 19890502

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EP 87108705 A 19870616; AT 87108705 T 19870616; DE 3774623 T 19870616; ES 87108705 T 19870616; JP 15156387 A 19870619; US 5556487 A 19870528