

Title (en)
ELECTROMAGNET SWITCH

Title (de)
ELEKTROMAGNETISCHES SCHALTGERÄT

Title (fr)
COMMUTATEUR ELECTROMAGNETIQUE

Publication
EP 0795186 B1 19980617 (DE)

Application
EP 95936948 A 19951122

Priority
• DE 9501627 W 19951122
• DE 4442674 A 19941130

Abstract (en)
[origin: WO9617366A1] Proposed is a miniature relay with a design which simplifies assembly and with an improved magnetic drive. The magnetic drive includes a permanent magnet and a fixed coil (18) with a core (19) mounted centrally in it, the core actuating a sliding contact (14) via an armature (31) acting as a shift lever. With no current in the coil (18), the armature (31) is held essentially by the permanent magnet (21), a yoke (20) resting against one pole face (27) to act as a pole piece and a conductor plate (22) resting against the other pole face (28). When current flows in the coil (18), a magnetic field is produced which tilts the armature (31) into the "ON" position illustrated.

IPC 1-7
H01H 50/64

IPC 8 full level
H01H 50/64 (2006.01)

CPC (source: EP)
H01H 50/648 (2013.01)

Designated contracting state (EPC)
DE FR IT

DOCDB simple family (publication)
WO 9617366 A1 19960606; DE 59502621 D1 19980723; EP 0795186 A1 19970917; EP 0795186 B1 19980617

DOCDB simple family (application)
DE 9501627 W 19951122; DE 59502621 T 19951122; EP 95936948 A 19951122