

Title (en)
ELECTROMAGNET SWITCH

Title (de)
ELEKTROMAGNETISCHES SCHALTGERÄT

Title (fr)
COMMUTATEUR ELECTROMAGNETIQUE

Publication
EP 0795186 A1 19970917 (DE)

Application
EP 95936948 A 19951122

Priority
• DE 9501627 W 19951122
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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.

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