

Title (en)

ELECTROMAGNETIC RELAY AND ITS USE ON A PRINTED CIRCUIT BOARD

Title (de)

ELEKTROMAGNETISCHES RELAIS UND DESSEN VERWENDUNG AUF EINER LEITERPLATTE

Title (fr)

RELAIS ELECTROMAGNETIQUE ET SON UTILISATION SUR UNE CARTE DE CIRCUITS IMPRIMES

Publication

**EP 0846330 B1 19990203 (DE)**

Application

**EP 96923819 A 19960708**

Priority

- DE 9601232 W 19960708
- DE 19531045 A 19950823

Abstract (en)

[origin: WO9708724A1] The relay has at least one switching system with a basic body (1) forming a base plate (11) in which a contact spring connector (4) and counter-contacts (5, 6) are secured and on which a coil (21, 22) with a core (23) and a yoke (24) is arranged upright perpendicular to the base plate and there is an armature between the coil and the base plate. There is a U-shaped contact spring (3) secured to the armature (26) and the two spring arms thus formed form a connecting arm (31) and a highly conductive contact arm (32). The relay can be easily made with simple components as a single and also a double or multiple relay.

IPC 1-7

**H01H 50/54**; **H01H 50/14**

IPC 8 full level

**H01H 50/14** (2006.01); **H01H 50/54** (2006.01); **H01H 50/56** (2006.01); **H01H 50/02** (2006.01)

CPC (source: EP US)

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