

Title (en)
ELECTROMAGNETIC RELAY

Title (de)
ELEKTROMAGNETISCHES RELAIS

Title (fr)
RELAIS ELECTROMAGNETIQUE

Publication
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Application
EP 93909803 A 19930601

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Abstract (en)
[origin: US5612658A] PCT No. PCT/DE93/00470 Sec. 371 Date Aug. 2, 1995 Sec. 102(e) Date Aug. 2, 1995 PCT Filed Jun. 1, 1993 PCT Pub. No. WO93/26030 PCT Pub. Date Dec. 23, 1993In the relay, a holding pin for a contact spring is arranged in each case in the region between the armature and the coil in such a way that the load current that flows via the contact spring can flow through the ferromagnetic circuit of the coil, comprising the core, the yoke (12) and the armature (13). In order to avoid negative effects of such a current loop, a connecting pin (110) is anchored in a base body outside the ferromagnetic circuit, on that side of the armature opposite to the contact spring (7), which connecting pin conducts the load current of the contact spring via a hoop portion (111) that engages over the armature. Optionally, the holding pin (9) of the contact spring may also be additionally contacted with a part of the load current, in order to make use of certain effects of the current loop.

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