

Title (en)
ELECTROMAGNETIC RELAY

Title (de)
ELEKTROMAGNETISCHES RELAIS

Title (fr)
RELAIS ELECTROMAGNETIQUE

Publication
EP 0976137 B1 20021204 (DE)

Application
EP 98919191 A 19980331

Priority
• DE 19715914 A 19970416
• EP 9801854 W 19980331

Abstract (en)
[origin: US6232858B1] A relay is formed by a magnet system which includes a wound coil body, an L-shaped core arranged axially therein and an, L-shaped armature as well as an insulator base from which side terminal elements project and in which stationary and movable contact elements are arranged. The actuation of the movable contact elements is carried out by way of a slide coupled to the armature. The magnet system is fastened to the base with fastening continuations which are provided at the magnet system and that engage upward projections of the base thereby firmly joining the magnet system to the base. The L-shaped armature includes a free end seated at the free end of the longitudinal leg of the L-shaped core. The fastening of the armature is carried out by a U-shaped armature spring which includes one arm secured to the longitudinal leg of the L-shaped armature and a second arm plugged into the axial recess of the coil body which also houses the longitudinal leg of the L-shaped core.

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H01H 50/18

IPC 8 full level
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CPC (source: EP US)
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