

Title (en)

Electromagnetic relay with combined return and contact spring

Title (de)

Elektromagnetisches Relais mit kombinierter Kontakt-und Rückstellfeder

Title (fr)

Relais électromagnétique avec ressort de contact et de rappel combiné

Publication

**EP 0791945 B1 20020109 (DE)**

Application

**EP 97102089 A 19970210**

Priority

DE 19606883 A 19960223

Abstract (en)

[origin: US5801608A] The relay has a magnet system with an armature that operates on a switching spring via an actuating element. This switching spring has a frame-shaped contact spring as well as a fork-shaped reset spring, intermeshed in one plane and mutually decoupled, whereby the reset spring guides the actuating element via at least two linkage points lying in a line parallel to the pivot axis. The relay of the present invention provides a compact construction with few individual parts and a very low-friction operation.

IPC 1-7

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IPC 8 full level

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