

Title (en)

Electromagnetic relay polarised by a permanent magnet.

Title (de)

Elektromagnetisches Relais polarisiert durch einen Permanent-Magneten.

Title (fr)

Relais électromagnétique polarisé par un aimant permanent.

Publication

**EP 0436448 B1 19941207 (FR)**

Application

**EP 90420542 A 19901212**

Priority

FR 9000142 A 19900105

Abstract (en)

[origin: US5126710A] A high-sensitivity electromagnetic relay comprises a magnetic circuit polarized by a permanent magnet, a flux distributor, an operating coil, and a moving core cooperating with the flux distributor by means of an air-gap. A return spring passes completely through the core being inserted between the flux distributor and the external end of a guide tube, which is shaped as a bottle-neck having a widened part housing the core, and a narrow part capable of sliding in an aperture.

IPC 1-7

**H01H 71/32**

IPC 8 full level

**H01H 50/16** (2006.01); **H01H 51/24** (2006.01); **H01H 71/32** (2006.01)

CPC (source: EP US)

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Cited by

FR2997546A1; DE4238939A1; CN113299527A; DE4344143A1; DE4344143B4

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