

Title (en)

Electromagnetic trip device for a low current circuit breaker.

Title (de)

Elektromagnetischer Auslöser für einen Schwachstromschalter.

Title (fr)

Déclencheur électromagnétique pour un disjoncteur électrique à bas calibres.

Publication

**EP 0515292 A1 19921125 (FR)**

Application

**EP 92420161 A 19920515**

Priority

FR 9106309 A 19910521

Abstract (en)

The invention relates to an electromagnetic trip (24) for a low-current, in particular less than a few amperes, miniature circuit breaker. To avoid a magnetic leakage field around the trip, the yoke (60) includes a first ferromagnetic piece (62) serving as means of support to the coil (50) and cores (48,54) assembly, and a second ferromagnetic piece (64) assembled to the first of conjugate shape to form a complete screening member. Magnetic saturation of the electromagnetic is then retarded when a short-circuit current is detected. <IMAGE>

IPC 1-7

**H01H 71/24**

IPC 8 full level

**H01H 71/24** (2006.01)

CPC (source: EP)

**H01H 71/2454** (2013.01); **H01H 71/2463** (2013.01)

Citation (search report)

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