

Title (en)

Magnetic trip device, in particular for a fault current circuit breaker

Title (de)

Magnetauslöser, insbesondere für einen Fehlerstromschutzschalter

Title (fr)

Déclencheur magnétique en particulier pour un disjoncteur différentiel

Publication

**EP 0829896 A3 20001025 (DE)**

Application

**EP 97810591 A 19970821**

Priority

DE 19637076 A 19960912

Abstract (en)

[origin: EP0829896A2] A magnetic release or trip includes a magnetic circuit fed by a permanent magnet (11) and containing a U-shaped yoke (9) and an armature (5) bridging the ends of the 'U' of the yoke in the closed state of the magnetic circuit; also included is a pre-tensioned spring element for biasing the armature against the force of the permanent magnet. At least one coil-spring (19,20) of the spring element (18) has a winding axis aligned in the extension of the tilting edge (23) for hinge-mounting of the armature and including two limbs (24,25), the first (24) being held stationary and the second (25) being mounted in a retainer of the armature (5).

IPC 1-7

**H01H 71/32**

IPC 8 full level

**H01H 71/32** (2006.01)

CPC (source: EP)

**H01H 71/32** (2013.01)

Citation (search report)

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Cited by

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