

Title (en)

Magnetic release device with a large capacity to adjust the release area.

Title (de)

Magnetischer Auslöser mit breitem Bereich zur Regelung des Auslöseansprechwertes.

Title (fr)

Déclencheur magnétique à large plage de réglage du seuil de déclenchement.

Publication

**EP 0369899 B1 19940105 (FR)**

Application

**EP 89420410 A 19891025**

Priority

FR 8815198 A 19881116

Abstract (en)

[origin: CA2001846A1] 11 MAGNETIC TRIP DEVICE WITH WIDE TRIPPING THRESHOLD SETTING RANGE A magnetic trip device having two plunger cores cooperating respectively with polar parts of a fixed magnetic circuit excited by a coil. The effects of the plunger cores are opposing, and by adjusting the initial position of the moving core assembly constituted by these two plunger cores, the tripping threshold can be adjusted with a large amplitude. Refer to figure 1.

IPC 1-7

**H01H 71/24**; **H01H 71/74**

IPC 8 full level

**H01F 7/16** (2006.01); **H01H 71/24** (2006.01); **H01H 71/74** (2006.01)

CPC (source: EP US)

**H01H 71/2454** (2013.01 - EP US); **H01H 71/7463** (2013.01 - EP US); **H01H 71/2463** (2013.01 - EP US)

Cited by

EP2421019A1; EP0841675A1; FR2755536A1; US5870009A; EP0538155A1; FR2682532A1; CN103871797A; US6930575B2; WO03054898A1

Designated contracting state (EPC)

BE CH DE ES GB IT LI

DOCDB simple family (publication)

**EP 0369899 A1 19900523**; **EP 0369899 B1 19940105**; CA 2001846 A1 19900516; CN 1021527 C 19930707; CN 1042801 A 19900606; DE 68912088 D1 19940217; DE 68912088 T2 19940609; ES 2049345 T3 19940416; FR 2639148 A1 19900518; FR 2639148 B1 19910802; JP 2907900 B2 19990621; JP H02189837 A 19900725; US 4965543 A 19901023; ZA 898420 B 19900627

DOCDB simple family (application)

**EP 89420410 A 19891025**; CA 2001846 A 19891031; CN 89108559 A 19891115; DE 68912088 T 19891025; ES 89420410 T 19891025; FR 8815198 A 19881116; JP 29725989 A 19891115; US 43036789 A 19891102; ZA 898420 A 19891106