

Title (en)
Electromagnetic trip device

Title (de)
Elektromagnetischer Auslöser

Title (fr)
Déclencheur électromagnétique

Publication
EP 1473751 B1 20060322 (DE)

Application
EP 03009932 A 20030430

Priority
EP 03009932 A 20030430

Abstract (en)
[origin: EP1473751A1] The electromagnetic trigger or release device has a coil (3) and an armature (6) movable within the coil. It also has a magnet yoke (4) formed integrally with a magnet core (5) which engages at least partly in the coil. A spring (12) biases the armature. The magnet core and the armature are arranged symmetrically within the cross section of the coil. A core surface at least approximately normal to the coil axis lies opposite an armature surface which is bent out at right angles from the main armature body which runs parallel to the coil axis.

IPC 8 full level
H01H 71/24 (2006.01)

CPC (source: EP)
H01H 71/2463 (2013.01)

Cited by
EP2421019A1

Designated contracting state (EPC)
DE ES FR IT

DOCDB simple family (publication)
EP 1473751 A1 20041103; EP 1473751 B1 20060322; DE 50302699 D1 20060511; ES 2258182 T3 20060816

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EP 03009932 A 20030430; DE 50302699 T 20030430; ES 03009932 T 20030430