

Title (en)
Electromagnetic trip device

Title (de)
Elektromagnetischer Auslöser

Title (fr)
Déclencheur électromagnétique

Publication
EP 1063666 B1 20060726 (DE)

Application
EP 00112184 A 20000607

Priority
DE 19929160 A 19990624

Abstract (en)
[origin: EP1063666A2] The permanent magnet assembly (15) (PM) and pole piece conducting magnetic flux to the plunger (20) are located with respect to yoke (12) and plunger. Thus the plunger can adopt a first position within the influence of the PM and pole piece, and a second position at least partially within the influence of the pole piece. In the first position, fluxes from the coil (13) and the PM, the latter flux at least partially, run through the plunger (20). In the second position, flux from the PM runs through yoke, plunger and PM itself.

IPC 8 full level
H01F 7/16 (2006.01); **H01H 73/36** (2006.01); **H01H 71/32** (2006.01); **H01H 83/02** (2006.01)

CPC (source: EP US)
H01H 71/322 (2013.01 - EP US); **H01H 71/327** (2013.01 - EP US)

Cited by
DE10210826A1; US8118824B2; US8672963B2

Designated contracting state (EPC)
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DOCDB simple family (publication)
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