

Title (en)  
Electromagnetic trip device

Title (de)  
Elektromagnetischer Auslöser

Title (fr)  
Déclencheur électromagnétique

Publication  
**EP 1083585 A3 20021002 (DE)**

Application  
**EP 00119078 A 20000902**

Priority  
DE 29915698 U 19990907

Abstract (en)  
[origin: EP1083585A2] Housed in a casing (11) are a U-shaped yoke, a permanent magnet, a coil and a cutout blade kept ready for trip-out by being pulled against the yoke by the permanent magnet against the force of a spring. The cutout blade is coupled to a pin (19) jutting out from the casing that acts on a latch position in the switch latch of a fault current safety switch. A magnetic plate acts as partial shielding (20) round the casing.

IPC 1-7  
**H01H 71/32**; **H01H 50/10**

IPC 8 full level  
**H01H 71/32** (2006.01); **H01H 50/10** (2006.01)

CPC (source: EP)  
**H01H 71/325** (2013.01); **H01H 50/10** (2013.01)

Citation (search report)  
• [A] GB 804414 A 19581112 - BRISTOL COMPANY  
• [A] US 4613840 A 19860923 - YABU HISAO [JP], et al  
• [A] US 5008487 A 19910416 - SHIMMYO TAKASHI [JP]  
• [A] JP H01117224 A 19890510 - MATSUSHITA ELECTRIC WORKS LTD

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EP1906427A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**DE 29915698 U1 20000511**; EP 1083585 A2 20010314; EP 1083585 A3 20021002

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