

Title (en)

Contact arrangement for ground fault circuit interrupter

Title (de)

Kontaktanordnung für Fehlerstromschutzschalter

Title (fr)

Agencement de contact pour disjoncteur à courant de défaut

Publication

EP 0844632 A3 19990421 (DE)

Application

EP 97112772 A 19970724

Priority

DE 29620519 U 19961125

Abstract (en)

[origin: EP0844632A2] The arrangement of contacts operated by relay from a single-phase summing current transformer incorporates a pivotable lever (20) bringing the moving contact (21) up against the fixed contact (22) on one limb (23) of a U-shaped conductor enclosing a permanent magnet (26). Normal current flows through the contacts from a terminal (14) and a hook (16) engaged with the lever. Excessive current causes the lever to be pivoted about its point of engagement (19). The lines of force of the magnet are directed at right angles to the arc, reinforcing the field produced by the arc so that its root is displaced rapidly from the contacts.

IPC 1-7

H01H 9/44; **H01H 83/02**

IPC 8 full level

H01H 9/44 (2006.01); **H01H 83/02** (2006.01)

CPC (source: EP)

H01H 9/443 (2013.01); **H01H 83/02** (2013.01)

Citation (search report)

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CN112219253A; WO2019175042A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

DE 29620519 U1 19970206; EP 0844632 A2 19980527; EP 0844632 A3 19990421

DOCDB simple family (application)

DE 29620519 U 19961125; EP 97112772 A 19970724