

Title (en)
CIRCUIT INTERRUPTING DEVICE

Title (de)
SCHALTUNGSUNTERBRECHEREINRICHTUNG

Title (fr)
DISPOSITIF D'INTERRUPTION DE CIRCUIT

Publication
EP 1334502 A4 20070704 (EN)

Application
EP 01983997 A 20011016

Priority

- US 0132562 W 20011016
- US 68848100 A 20001016
- US 27709701 P 20010319
- US 81262401 A 20010320
- US 81287501 A 20010320
- US 81228801 A 20010320
- US 81260101 A 20010320
- US 81368301 A 20010321
- US 81341201 A 20010321
- US 27744601 P 20010321
- US 27744801 P 20010321
- US 82933901 A 20010409

Abstract (en)
[origin: WO0233720A1] Resettable circuit interrupting devices, such as GFCI devices (ground fault circuit interrupters), ALCI devices (arc fault circuit interrupters), ICDI devices (immersion detection circuit interrupters), RCDs (residual current devices), that include reverse wiring protection (fig. 62), and optionally an independent trip portions (fig. 24) and/or a reset lockout portion (60, 330) are provided. Further is a signaling system employing indicator lamp means (64) and an audible alarm (236) is employed to remind a user to periodically test his GFCIs and to provide information regarding the status of the GFCI. The power lines that supply the GFCI with power are also coupled to the circuits on the PCB (122) to disconnect power to those circuits of the GFCI that trips due to faults or tests.

IPC 1-7
H01H 73/00

IPC 8 full level
H01H 83/04 (2006.01); **H02H 3/33** (2006.01)

CPC (source: EP)
H01H 83/04 (2013.01); **H02H 3/335** (2013.01); **H01H 2083/201** (2013.01); **H01H 2300/066** (2013.01)

Citation (search report)

- [PYPX] US 6246558 B1 20010612 - DISALVO NICHOLAS L [US], et al
- [X] US 6040967 A 20000321 - DISALVO NICHOLAS L [US]
- [Y] US 4825329 A 19890425 - TURNER COLIN [GB]
- See references of WO 0233720A1

Cited by
CN100433224C

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

DOCDB simple family (publication)
WO 0233720 A1 20020425; CA 2425810 A1 20020425; CA 2425810 C 20070410; CN 100338710 C 20070919; CN 1478288 A 20040225; EP 1334502 A1 20030813; EP 1334502 A4 20070704; MX PA03003404 A 20050125

DOCDB simple family (application)
US 0132562 W 20011016; CA 2425810 A 20011016; CN 01819728 A 20011016; EP 01983997 A 20011016; MX PA03003404 A 20011016