

Title (en)
A circuit breaker

Title (de)
Schutzschalter

Title (fr)
Disjoncteur

Publication
EP 0903765 A3 19991117 (EN)

Application
EP 98307415 A 19980914

Priority
ZA 978466 A 19970919

Abstract (en)
[origin: EP0903765A2] A circuit breaker 10 includes a primary housing 12 containing an operating mechanism 14, the operating mechanism 14 including a plurality of output conductors 16. An earth leakage sensing device comprising an oval-shaped core 20 is mounted in the primary housing 12. Electrically conductive elements 22 are mounted on the output conductors 16 and project through an oval-shaped opening defined by the core 20. Current sensing circuitry and earth leakage sensing circuitry are incorporated in a secondary housing 42, the secondary housing 42 being received within the primary housing 12. <IMAGE>

IPC 1-7
H01H 83/14

IPC 8 full level
H01H 83/02 (2006.01); **H01H 83/14** (2006.01)

CPC (source: EP)
H01H 83/144 (2013.01); **H01H 2083/148** (2013.01)

Citation (search report)
• [A] FR 2681725 A1 19930326 - TOSHIBA KK [JP]
• [A] WO 9603760 A1 19960208 - DELTA CIRCUITS PROTECTION [GB], et al

Cited by
US11017971B2; EP3435398A1; KR20190011672A; FR3069718A1

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)
EP 0903765 A2 19990324; EP 0903765 A3 19991117; EP 0903765 B1 20021113; AT E227883 T1 20021115; DE 69809359 D1 20021219; DE 69809359 T2 20030904; JP H11185593 A 19990709

DOCDB simple family (application)
EP 98307415 A 19980914; AT 98307415 T 19980914; DE 69809359 T 19980914; JP 26109898 A 19980916