

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)  
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**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