Title (en)
   CIRCUIT BREAKER.

Title (de)
   AUSSCHALTER.

Title (fr)
   COUPE-CIRCUIT.

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Application
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Abstract (en)

   [origin: WO8404423A1] A circuit breaker (10) is constructed to maximize the range of current over which it may operate, and to enhance its safety of operation in both single-pole and multipole embodiments. Improved operating structures are disclosed for both the manual (26) and automatic (44, 46) modes of operation in single-pole or multipole embodiments.

IPC 1-7
   H01H 9/04

IPC 8 full level
   H01H 73/36 (2006.01); **H01H 71/10** (2006.01); H01H 71/44 (2006.01)

CPC (source: EP)
   H01H 71/1027 (2013.01); H01H 71/446 (2013.01)

Citation (search report)
   • US 3970976 A 19760720 - NICOL RONALD
   • US 2923795 A 19600202 - MARTIN PAUL S
   • GB 1131874 A 19681030 - HEINEMANN ELECTRIC CO
   • FR 1235737 A 19600708
   • DE 2615902 B1 19770908 - BARLIAN REINHOLD
   • US 3646487 A 19720229 - BRACKETT LAWRENCE W SR
   • US 3426301 A 19690204 - BODGE CLIFFORD A
   • US 3505621 A 19700407 - KNECHT GEORGE W
   • FR 2285707 A1 19760416 - OTTERMILL LTD [GB]
   • FR 2455351 A1 19801121 - WEBER AG FAB ELEKTRO [CH]
   • US 2267917 A 19411230 - HICKMAN ALBERT F

Designated contracting state (EPC)
   FR

DOCDB simple family (publication)
   WO 8404423 A1 19841108; CA 1236869 A 19880517; DE 3490209 C2 19901206; DE 3490209 T 19851017; EP 0139749 A1 19850508;
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   GB 2175142 A 19861119; GB 2175142 B 19880323; GB 2176056 A 19861210; GB 2176056 B 19880323; GB 8325673 D0 19831026;
   GB 8429885 D0 19850103; GB 8613984 D0 19860716; GB 8613985 D0 19860716; JP H0697590 B2 19941130; JP S60500691 A 19850509

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   GB 8325673 A 19830926; GB 8429885 A 19841127; GB 8613984 A 19860609; GB 8613985 A 19860609; JP 50181884 A 19840420