

Title (en)
Test circuit for a differential tripping device.

Title (de)
Testschaltung für einen Differentialauslöser.

Title (fr)
Circuit test pour un déclencheur différentiel.

Publication
EP 0456586 A1 19911113 (FR)

Application
EP 91420141 A 19910429

Priority
FR 9006550 A 19900510

Abstract (en)
The test circuit (54) of a circuit-breaker with differential trip unit includes a first conducting strand (72) shaped as a test contact for a test switch, and as an elastic return element for the test button (56), and a second conducting strand (74) configured as a self-cutting contact for a protective switch (62) cooperating with a transmission component (64) of the mechanism (50). The two strands (72, 74) form part of a double spring (66) having two helical windings (68, 70) fitted coaxially on a common spindle (71) and connected to one another by an intermediate link (76) bearing on a support (78) of the casing (12). <IMAGE>

IPC 1-7
H01H 83/04

IPC 8 full level
H01H 83/04 (2006.01)

CPC (source: EP)
H01H 83/04 (2013.01); **H01H 2083/045** (2013.01)

Citation (search report)
• [AD] FR 2489587 A1 19820305 - LICENTIA GMBH [DE]
• [A] EP 0200581 A1 19861105 - RODA ELECTROTECNICA [ES]
• [A] EP 0320929 A2 19890621 - ELETTRCONDUTTURE [IT]
• [A] EP 0231732 A2 19870812 - FELTEN & GUILLEAUME AG OESTER [AT]

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EP1562212A3

Designated contracting state (EPC)
AT DE ES GB IT

DOCDB simple family (publication)
EP 0456586 A1 19911113; EP 0456586 B1 19941019; AT E113140 T1 19941115; DE 69104647 D1 19941124; DE 69104647 T2 19950511; ES 2065654 T3 19950216; FR 2662019 A1 19911115; FR 2662019 B1 19920724

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