

Title (en)

OPERATING MECHANISM FOR A MINIATURE CIRCUIT BREAKER HAVING A CONTACT-WELDING INDICATOR

Publication

EP 0342133 B1 19930811 (FR)

Application

EP 89420159 A 19890428

Priority

FR 8806562 A 19880513

Abstract (en)

[origin: EP0342133A1] An operating mechanism for a miniature circuit breaker comprises a platen (40) for supporting the contact arm (14), a lever (24) coupled to a transmission rod (28) to form a knuckle (30), and a mechanical link (48) which is breakable between the rod (28) and the platen (40). A stop (70) interferences, in the closed-soldered state of the contacts (16, 18), with the path of a blocking nose (72) in order to positively stop the lever (24) in an intermediate position S. The action of the return spring of the lever (24) after passing the dead point of the knuckle (30) renders this position S stable for indicating the soldering of the contacts (16, 18). <IMAGE>

IPC 1-7

H01H 71/50

IPC 8 full level

H01H 71/50 (2006.01); **H01H 71/52** (2006.01)

CPC (source: EP)

H01H 71/501 (2013.01); **H01H 71/526** (2013.01); **H01H 2071/502** (2013.01)

Cited by

CN102187419A; DE102006047074A1; EP1906428A3; DE19735415A1; CN101599394A; EP0452230A1; FR2660794A1; EP2131378A1

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