

Title (en)

Discriminating method between an internal arc and an interruption arc in a medium or high voltage circuit breaker

Title (de)

Unterscheidungsverfahren eines internen Fehlerlichtbogen von einem Schaltlichtbogen in einem Mittel oder Hochspannungsschaltgerät

Title (fr)

Méthode de discrimination entre un arc interne et un arc de coupure dans un disjoncteur de moyenne ou de haute tension

Publication

**EP 0987727 B1 20070425 (FR)**

Application

**EP 99402246 A 19990913**

Priority

FR 9811477 A 19980915

Abstract (en)

[origin: EP0987727A1] The distinguishing technique between an internal and switching arc measures the dielectric gas pressure inside the circuit breaker, and has a circuit which react to open the circuit breaker. The increase in pressure is measured over a time period (15) and compared to a first value prior to the increase to identify the time at which the internal arc was formed, or to establish that the increase is not an internally formed arc if the pressure does not reach the level.

IPC 8 full level

**H01H 33/26** (2006.01); **H01H 73/18** (2006.01)

CPC (source: EP KR US)

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