

Title (en)  
Inertia contact

Title (de)  
Trägheitskontakt

Title (fr)  
Contact à inertie

Publication  
**EP 0560665 B1 19970416 (FR)**

Application  
**EP 93400597 A 19930308**

Priority  
FR 9202837 A 19920310

Abstract (en)  
[origin: EP0560665A1] Inertia contact, intended to interact with a contact in series with a component, such as a resistor or a varistor, located in the cut out chamber of a circuit breaker in order to be inserted for a limited length of time in parallel on the contacts of the circuit breaker, the latter comprising a tube supporting moving contacts and being connected to an operating rod, characterised in that it includes an axisymmetric metal casing (50) which is coaxial with the said tube (13) and surrounds this tube, which casing is of substantially tubular shape with a protuberance (51) framed by two supports (52, 53) fitting loosely on the said tube, a first end (50A') of the said insertion contact being made of an alloy which withstands arc discharge effects, a second end (54) of the said insertion contact being used for fastening to a first end of at least one spring (55), a second end of which is fixed onto the said tube (13), a ring (57) with conical internal section being located at one end of the cavity formed by the said protuberance and interacting with a domed collar (60) fixed to the said tube for damping the relative movement between the said inertia contact and the said tube. <IMAGE>

IPC 1-7  
**H01H 35/14; H01H 33/12; H01H 33/16**

IPC 8 full level  
**H01H 33/16** (2006.01)

CPC (source: EP US)  
**H01H 33/168** (2013.01 - EP US)

Cited by  
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