

Title (en)
VACUUM INTERRUPTER CHAMBER WITH A RING-SHAPED ISOLATOR

Title (de)
VAKUUMSCHALKAMMER MIT RINGFÖRMIGEM ISOLATOR

Title (fr)
CHAMBRE D'INTERRUPTEUR A VIDE A ISOLATEUR ANNULAIRE

Publication
EP 1050058 B1 20011219 (DE)

Application
EP 99907276 A 19990115

Priority
• DE 9900177 W 19990115
• DE 19802893 A 19980121

Abstract (en)
[origin: DE19802893A1] A vacuum interrupter chamber with a fixed- and an axially- movable contact-tip, and including a housing consisting of two cap-type metal parts, a ring-shaped insulator as well as a bellows, in which each contact-tip is associated with a current terminal, both cap-type metal parts are connected to the ring- shaped insulator and one cap-type metal part surrounds the fixed as well as the movable contact-tip. The current terminals of the two contact-tips (6,7) are designed as plates which form the floor region of one of the two cap-type metal parts. The bellows (5) forms the wall zone of that cap-type metal part which is associated with the movable contact (7). A tubular part (3) which is soldered at its end face to the plate- type current terminal (1) of the fixed contact-tip (6), and forms the wall-zone of the other cap-type metal part.

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H01H 33/66

IPC 8 full level
H01H 33/66 (2006.01); **H01H 33/662** (2006.01)

CPC (source: EP US)
H01H 33/66207 (2013.01 - EP US); **H01H 33/66238** (2013.01 - EP US); **H01H 2033/6613** (2013.01 - EP US)

Citation (examination)
• DE 4422316 A1 19941222 - SIEMENS AG [DE]
• WO 9119308 A1 19911212 - SIEMENS AG [DE]
• US 4553007 A 19851112 - WAYLAND PAUL O [US]
• DE 2944286 A1 19800529 - WESTINGHOUSE ELECTRIC CORP

Cited by
EP2689447A1

Designated contracting state (EPC)
CH DE FR GB IT LI

DOCDB simple family (publication)
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