

Title (en)
Vacuum switch tube

Title (de)
Vakuumschaltröhre

Title (fr)
Tube interrupteur à vide

Publication
EP 0568166 B1 19961227 (DE)

Application
EP 93250100 A 19930402

Priority
• DE 4214550 A 19920429
• US 5512393 A 19930429

Abstract (en)
[origin: EP0568166A2] For vacuum switches which are used for interrupting short-circuit currents only rarely, a vacuum switching tube is used whose housing has an insulator (11) which directly surrounds the contact elements, the radial distance (a) between the insulator (11) and the contact elements (15, 16) being selected to be less than or at most equal to the contact stroke. In addition, the contact elements (15, 16) can be constructed as axial magnetic field contacts, and the free cross-section in the rear space of the contact elements (15, 16) can be constrained by radial expansions (19, 20; 22) on the contact bolts or by radial constrictions (23) of the insulator (21). <IMAGE>

IPC 1-7
H01H 33/66

IPC 8 full level
H01H 33/662 (2006.01); **H01H 33/664** (2006.01); **H01H 33/66** (2006.01)

CPC (source: EP US)
H01H 33/66207 (2013.01 - EP US); **H01H 33/6642** (2013.01 - EP US); **H01H 33/66238** (2013.01 - EP US); **H01H 2033/66246** (2013.01 - EP US)

Designated contracting state (EPC)
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EP 0568166 A2 19931103; EP 0568166 A3 19940112; EP 0568166 B1 19961227; DE 4214550 A1 19931104; US 5313030 A 19940517

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