

Title (en)
Vacuum switching device

Title (de)
Vakuum Schaltvorrichtung

Title (fr)
Dispositif interrupteur sous vide

Publication
EP 0780867 A3 19981021 (EN)

Application
EP 96308888 A 19961206

Priority
GB 9526231 A 19951221

Abstract (en)
[origin: EP0780867A2] A vacuum switching device has a junction (40; 45) at which a housing (10, 23; 10, 22, 24, 60) of said switching device, a first switching component (11, 13; 12, 14) and a second switching component (15; 16) meet, said junction (40; 45) having a vacuum on one side and a gas on the other, said housing and said first and second switching components comprising locating means (41, 42; 43, 44) for allowing accurate location of said first and second switching components with respect to each other and with respect to said housing. The switching components are, for example, the stem (13; 14) of a fixed or moving contact and an end-stub (15; 16) for making electrical connection between the contact and external equipment. The locating means are, preferably, a male "peg" (41; 43) on the stem and a bored hole (41; 44) in the end-stub, the peg fitting into a corresponding hole in the housing at that point. <IMAGE>

IPC 1-7
H01H 33/66

IPC 8 full level
H01H 33/66 (2006.01); **H01H 11/00** (2006.01)

CPC (source: EP)
H01H 33/66 (2013.01); **H01H 11/00** (2013.01); **H01H 33/664** (2013.01)

Citation (search report)

- [YA] EP 0349303 A2 19900103 - COOPER IND INC [US]
- [Y] US 5004877 A 19910402 - YIN SIMON [US]
- [A] GB 1001425 A 19650818 - ASS ELECT IND
- [A] GB 1026054 A 19660414 - ASS ELECT IND
- [A] EP 0070794 A2 19830126 - FUJI ELECTRIC CO LTD [JP]

Cited by
CN109585198A

Designated contracting state (EPC)
DE FR GB NL

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