

Title (en)

VACUUM SWITCH FOR LOW TENSION, PARTICULARLY A LOW TENSION PROTECTOR

Publication

EP 0149061 B1 19870624 (DE)

Application

EP 84114144 A 19841122

Priority

- DE 3343918 A 19831205
- DE 8334848 U 19831205

Abstract (en)

[origin: US4614850A] A vacuum switch for the low-voltage range, in particular, a low voltage contactor, comprising a vacuum switching tube having a switching chamber and a first contact rigidly arranged therein and a lead-in pin movable relative thereto having a second contact, wherein the vacuum switching tube has an insulating member which is surrounded on the vacuum side at least partially by shielding. The shielding is arranged as a concentric hollow cylinder and the insulating member comprises a ring shaped member, preferably of ceramic. The axial length of the shielding cylinder is at least 1.5 times that of the ring. A vacuum switch having a short insulating path thus can be constructed cost-effectively and which has the capability for a high number of switching cycles.

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H01H 33/66

IPC 8 full level

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CPC (source: EP US)

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