

Title (en)
Single or multiphase vacuum switch

Title (de)
Ein- oder mehrphasiger Vakuumschalter

Title (fr)
Interrupteur sous vide monophasé ou multiphasé

Publication
EP 0801407 A3 20001018 (DE)

Application
EP 97105730 A 19970407

Priority

- DE 19614299 A 19960411
- DE 19620348 A 19960521

Abstract (en)
[origin: EP0801407A2] The vacuum switch has a vacuum chamber (32) for each phase , an operating drive (16) and an associated control device (23). The vacuum chamber and the incoming and outgoing lines (42,45) for the latter are embedded in an insulating housing (47) with the exception of part of one end face (38) of the vacuum chamber through which the contact rod (31) for the movable contact piece projects. Each insulating housing is secured to the horizontal limb (15) of a L-shaped drive housing (10), to form a U configuration with the open end facing vertically upwards.

IPC 1-7
H01H 33/66

IPC 8 full level
H01H 33/666 (2006.01); **H01H 33/02** (2006.01); **H01H 33/66** (2006.01)

CPC (source: EP)
H01H 33/666 (2013.01); **H01H 33/022** (2013.01); **H01H 33/027** (2013.01); **H01H 33/6662** (2013.01); **H01H 2033/6623** (2013.01); **H01H 2033/6665** (2013.01); **H01H 2033/6667** (2013.01)

Citation (search report)

- [YA] US 4124790 A 19781107 - KUMBERA DAVID G, et al
- [YA] EP 0387635 A1 19900919 - SPRECHER ENERGIE AG [CH]
- [A] US 3955167 A 19760504 - KUMBERA DAVID G
- [A] US 3471669 A 19691007 - CURTIS THOMAS E
- [A] DE 8914131 U1 19900201
- [A] EP 0346603 A1 19891220 - SPRECHER ENERGIE AG [CH]

Cited by
EP0948013A3; CN109473309A; EP1739701A3; CN107895676A; EP1056109A1; FR2794280A1; US9656553B2; WO0133593A1; WO0109912A3

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0801407 A2 19971015; EP 0801407 A3 20001018; EP 0801407 B1 20040714

DOCDB simple family (application)
EP 97105730 A 19970407