

Title (en)
CONTACT ARRANGEMENT FOR A VACUUM SWITCH

Publication
EP 0073925 B1 19860226 (DE)

Application
EP 82106926 A 19820730

Priority
DE 3133799 A 19810826

Abstract (en)
[origin: US4453054A] Contact apparatus for vacuum switches. It includes a fixed and a movable contact bolt. Each has an end portion with an end face facing the other. Two disc-shaped substantially identical contacts surround the end portion of each of the contact bolts, and each of the contact discs have an annular inner hollow space formed therein which define side walls which face each other and have closed inner and outer side wall surfaces. The contact discs have side walls facing away from each other and each is fastened to a corresponding one of the contact bolts. The end face of each of the end portions are located at a distance from the inner side wall surface of the corresponding one of the contact discs which defines a gap therebetween. The side walls of the contact discs have slots formed therein which are extended in the same direction, and has coil turns placed between the slots at a given slope which produces an axial magnetic field at the moment the contacts break.

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H01H 33/66

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

CPC (source: EP US)
H01H 33/664 (2013.01 - EP US); **H01H 33/6642** (2013.01 - EP US); **H01H 33/6645** (2013.01 - EP US); **H01H 33/6646** (2013.01 - EP US)

Cited by
EP0104384A1; EP0199594A3; GB2174843A; EP0143735A1; US4617434A; EP0167479B1

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