(19) Europäisches Patentamt
European Patent Office
Office européen des brevets

(11) Publication number: **0 043 186**
A3

(12) EUROPEAN PATENT APPLICATION

(21) Application number: **81302444.5**

(51) Int. Cl.³: **H 01 H 33/66**

(22) Date of filing: **02.06.81**

(30) Priority: **01.07.80 JP 90367/80**
07.07.80 JP 92561/80

(43) Date of publication of application:
06.01.82 Bulletin 82/1

(88) Date of deferred publication of search report: **14.07.82**

(84) Designated Contracting States:
CH DE FR GB IT LI NL SE

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(54) Vacuum circuit interrupter.

(57) A vacuum circuit interrupter includes a cylinder (21) made of a metal relatively easy to deform platically, and first and second insulating disks (22, 23) closing the ends of the metallic cylinder (21) to form therewith an evacuated envelope (20). A stationary conductive rod (31) enters the envelope (20) through the first disk (22) in such a manner as to provide a seal therewith. A movable conductive rod (32) movably enters the envelope (20, 110) through the second disk (23). A bellows (39) is fixed at its one end to the movable rod (32) and at its other end to the second disk (23) in such a manner as to provide a seal about the movable rod (32) to allow for movement thereof without impairing the vacuum inside the envelope (20). Stationary and movable electrodes (33, 34) are connected to the stationary and movable rods (31, 32) respectively in such a manner as to engage and disengage with each other according to the movement of the movable rod (32).

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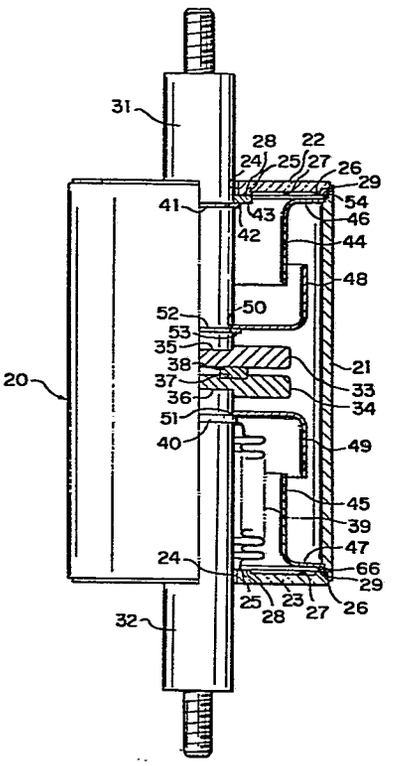
FIG. 1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EUROPEAN SEARCH REPORT

Application number
EP 81 30 2444.5

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US - A - 3 674 958 (ATTIA et al.) * column 1, line 59 to column 2, line 36; column 2, line 55 to column 3, line 12; fig. 1 *	1-6, 8,10
X	US - A - 3 727 018 (WESOLOSKI et al.) * column 1, lines 38 to 42; column 2, to column 5; fig. 1 *	1,3,8
A	DD - A - 101 056 (H. HÄNISCH et al.) * page 5, paragraph 1; fig. 1 *	1,2,8
A	DE - A1 - 2 856 515 (K.K. MEIDENSHA et al.) * page 3, paragraph 2; fig. 1 *	4,10
A	DD - A - 128 192 (K. RICHTER et al.) * page 1; fig. 1 to 2 *	

CLASSIFICATION OF THE APPLICATION (Int. Cl. 3)

H 01 H 33/66

TECHNICAL FIELDS SEARCHED (Int.Cl. 3)

H 01 H 11/00
H 01 H 33/66

CATEGORY OF CITED DOCUMENTS

X: particularly relevant if taken alone
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D: document cited in the application
L: document cited for other reasons

&: member of the same patent family, corresponding document

X The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
Berlin	26-03-1982	RUPPERT