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**EUROPEAN PATENT APPLICATION**

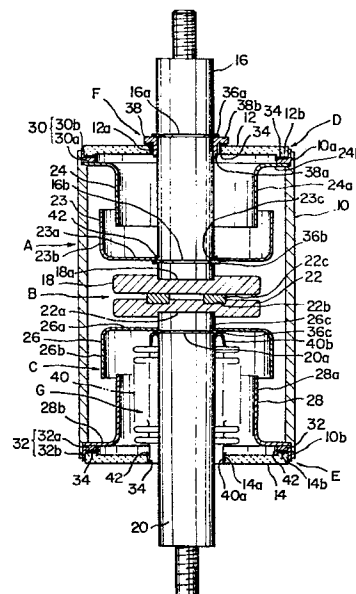
⑤ Int. Cl.<sup>3</sup>: **H 01 H 33/66**

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⑤④ A vacuum interrupter.

57) A vacuum interrupter includes, substantially an envelope including a cylindrical housing (10) made of a metallic material, disc-shaped end plates (12, 14) made of an inorganic insulating material having an aperture in the center portion thereof, an electrical contact member including a stationary contact rod (16) with a contact (18), a movable contact rod (20) with a contact (22), sealing means for sealing hermetically said end plates (12, 14) to said housing and including a first and a second auxiliary sealing member (30, 32) made of a plastic deformable metallic material which is deformable by the thermal stress and metallized portions (34) provided between said auxiliary sealing members (30, 32) and said end plates (12, 14) means for supporting and securing hermetically said stationary contact rod (16) to said upper end plate (12) including a metallized portion (34) provided between said upper end plate and said stationary contact rod, and hermetic seal means for sealing movably and hermetically said movable contact rod (20) to said lower end plate (14) including a bellows (40) for securing said movable contact rod (20) to said lower end plate and a metallized portion (34) provided between said lower end plate and said bellows (40).





European Patent  
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# EUROPEAN SEARCH REPORT

0043258  
Application number

EP 81 30 2900.6

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl. <sup>3</sup> )
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	<u>US - A - 3 674 958</u> (E.A. ATTIA et al.) * column 1, line 59 to column 2, line 36; column 2, line 55 to column 3, line 37; fig. 1 * ---	1-3, 6,7, 24	H 01 H 33/66
X	<u>US - A - 3 727 018</u> (H.J. WESOLOSKI et al.) * column 1, lines 38 to 42; column 2 to column 5; fig. 1 * ---	1,8, 12	
A	<u>DE - B - 1 045 305</u> (TELEFUNKEN GMBH) * claim 6; column 3, lines 4 to 15; column 5, lines 16 to 21; fig. 1 * ---	1	TECHNICAL FIELDS SEARCHED (Int.Cl. <sup>3</sup> )  C 04 B 37/02 H 01 H 11/00 H 01 H 33/66 H 01 J 5/26 H 01 J 5/44
A	<u>DE - A - 2 361 990</u> (INSTITUT PRÜFFELD FÜR ELEKTRISCHE HOCHLEISTUNGSTECH- NIK) * page 3; fig. 1 * ---	1,11	
P,A	<u>DE - A1 - 3 008 460</u> (HAZEMEIJER B.V.) & GB - A - 2 045 667 ----		
			CATEGORY OF CITED DOCUMENTS  X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date 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		02-03-1982	RUPPERT