(11) Publication number:

0 081 929

A3

(12)

EUROPEAN PATENT APPLICATION

(21) Application number: 82306233.6

(22) Date of filing: 23.11.82

(51) Int. Cl.³: H 01 H 23/06 H 01 H 23/16

(30) Priority: 02.12.81 US 326723 26.04.82 US 371838

Date of publication of application: 22.06.83 Bulletin 83/25

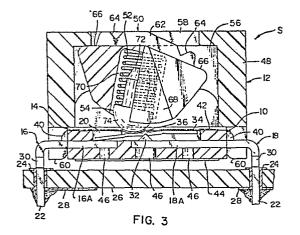
- (88) Date of deferred publication of search report: 29.08.84
- Designated Contracting States:
 BE DE FR GB IT NL
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(54) Sealed electrical contact assembly and electrical switch made therefrom.

(57) A sealed electrical contact assembly (10, 110) comprises a dielectric frame (14, 114) in which a plurality of aligned stationary electrical contact members (16, 18, 116, 118) are secured as opposing sets of contact members (16A, 18A, 116A, 118A) and movable electrical contact members (34, 134) interconnect each set of stationary contact members (16A, 18A, 116A, 118A). One (18A, 118A) of the opposing sets of stationary contact members (16A, 18A, 116A, 118A) and the movable contact members (34, 134) have matable pivot areas (32, 132, 36, 136) at which the movable contact members (34, 134) are mounted so that the movable contact members (34, 134) can be moved to a position electrically connecting the opposing sets of stationary contact members (16A, 18A, 116A, 118A). A membrane (42, 142) is sealingly secured onto the frame (14, 114) covering each set of stationary (16A, 18A, 116A, 118A) and movable contact members (34, 134) associated therewith. A housing (48, 148) is latchably secured onto the contact assembly (10, 110) and has movable members (50, 150) positioned in housing (48, 148) with spring-biased members (54, 154) engaging movable contact members (34, 134) through membrane (42, 142) to move movable contact members (34, 134) from one position electrically connecting the opposing sets of stationary contact members (16A, 18A, 116A, 118A) to another position disconnecting the opposing sets of stationary contact members (16A, 18A, 116A, 118A).





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Category		th indication, where appropriate, rant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 3)
Х	US-A-4 311 884 al.) * Column 3, li line 27; figures	1,3	н О1 н 23/0 н О1 н 23/1	
Α			8	
А	GB-A-2 052 870 ELEC. CO.) * Page 1, lines	(OMRON TATEISI 75-125; figure 1	1,3	
A	US-A-4 344 224 * Column 2, li 4, line 15 - c figures 1,2,6,7	nes 23-46; column column 5, line 24;	1,3	
A	US-A-3 694 598 (FUJISOKU ELEC.		5,6	TECHNICAL FIELDS SEARCHED (Int. Cl. 3)
	CO.) * Column 1, li	nes 30-47; column column 3, line 16;	3,0	H 01 H 9/00 H 01 H 15/00 H 01 H 23/00
A	US-A-2 432 647 BATCHELLER) * Figures 3,4 *	(H.W.	6	
A	DE-A-2 657 072	(AMP INC.)		
	* Figures 1,2 *			
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	The present search report has b	een drawn up for all claims		
	Place of search THE HAGUE	Date of completion of the search 18-05-1984	Touss	Examiner AINT F.M.A.
Y: pa	CATEGORY OF CITED DOCL inticularly relevant if taken alone inticularly relevant if combined w incument of the same category chnological background in-written disclosure	E: earlier pate after the fi th another D: document L: document	ling date cited in the app cited for other	ying the invention but published on, or plication reasons nt family, corresponding



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	DOCUMENTS CONS	Page 2			
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A	US-A-3 219 784	(N. TORUK)			
1	* Figures 3,4,5	•			
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	CATEGORY OF CITED DOCU	JMENTS	T: theory or prin	nciple under	lying the invention
X : pa Y : pa	rticularly relevant if taken alone irticularly relevant if combined w cument of the same category chnological background in-written disclosure	vith another l	after the filing	g date ted in the ap	lying the invention but published on, or plication reasons
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U: no	n-written disclosure termediate document	ł	k : member of the document	ie same pate	ent family, corresponding