11 Publication number:

**0 314 925** A3

(12)

## **EUROPEAN PATENT APPLICATION**

21 Application number: 88116375.2

(51) Int. Cl.4: **H01H 13/36** 

22 Date of filing: 04.10.88

Priority: 08.10.87 JP 154541/87 U

Date of publication of application:10.05.89 Bulletin 89/19

Designated Contracting States:
AT BE CH DE ES FR GB GR IT LI LU NL SE

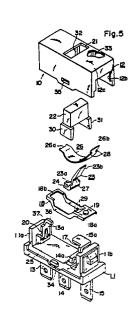
Date of deferred publication of the search report: 07.06.89 Bulletin 89/23 Applicant: OMRON TATEISI ELECTRONICS
 CO.
 10, Tsuchido-cho Hanazono Ukyo-ku
 Kyoto 616(JP)

2 Inventor: Nagahara, Toyohiro Izumo Omron Tateisi
Electronics Co., 626-1, Nishibayashigi-cho Izumo-shi Shimane-ken(JP)
Inventor: Niwa, Takashi c/o Patent Center Omron Tateisi Electronics Co. 20, Igadera Shimokaiinji Nagaokakyo-shi Kyoto 617(JP) Inventor: Sano, Takezo c/o Patent Center Omron Tateisi Electronics Co. 20, Igadera Shimokaiinji Nagaokakyo-shi Kyoto 617(JP) Inventor: Kato, Isao c/o Patent Center Omron Tateisi Electronics Co. 20, Igadera Shimokaiinji Nagaokakyo-shi Kyoto 617(JP)

Representative: Kahler, Kurt Patentanwalt Dipl.-Ing. Kurt Kahler Gerberstrasse 3 Postfach 248 D-8948 Mindelheim(DE)

Microswitch.

A microswitch in which a good snap action feeling is obtained and an operating stroke is enhanced is provided. A compression spring (26) is interposed between a movable member (18) and a swingalbe lever (23) which are respectively pivotally supported at close positions. The swingable lever (23) is operated by a push button (22) which is vertically slidable. Further, restricting plates (30, 31) to restrict the motion in the width direction of the movable member (18) are attached to the push button (22). A positioning member (36) to hold the swingable lever (23) to the position which faces the push button (22) when the microswitch is assembled is also provided.



## **EUROPEAN SEARCH REPORT**

EP 88 11 6375

	DOCUMENTS CONS	DERED TO BE RELEV	ANT	
Category	Citation of document with i of relevant pa	ndication, where appropriate, ssages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
X Y	FR-A-2 530 862 (VS * page 9, lines 3-2	ESOJUZNY) 2; figures 7,10,11 *	1	H 01 H 13/36 H 01 H 5/18
			2,3	11 01 11 3/16
Y	EP-A-0 219 564 (KC ALKATRESZGYAR) * column 4, lines 2		2	
Υ	EP-A-0 224 402 (MC * column 3, lines 6	RS) -9; figure 1 *	3	
A	EP-A-0 118 870 (OM * abstract, page 7, 4 *	RON TATEISI) lines 7-13; figure	1,4	
A	FR-A-1 529 781 (C. * first page, right paragraph; figures	column, seventh	1-3	
				TECHNICAL FIELDS SEARCHED (Int. Cl.4)
:				H 01 H 5/00 H 01 H 13/00
	The present search report has b	een drawn up for all claims		
	Place of search	Date of completion of the search	ch	Examiner
BERLIN		25-01-1989	1	J.M.

EPO FORM 1503 03.82 (P0401)

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

after the filing date

D: document cited in the application
L: document cited for other reasons

&: member of the same patent family, corresponding document