

(19)



Europäisches Patentamt
European Patent Office
Office européen des brevets

(11)

Publication number:

0 197 557
A3

(12)

EUROPEAN PATENT APPLICATION

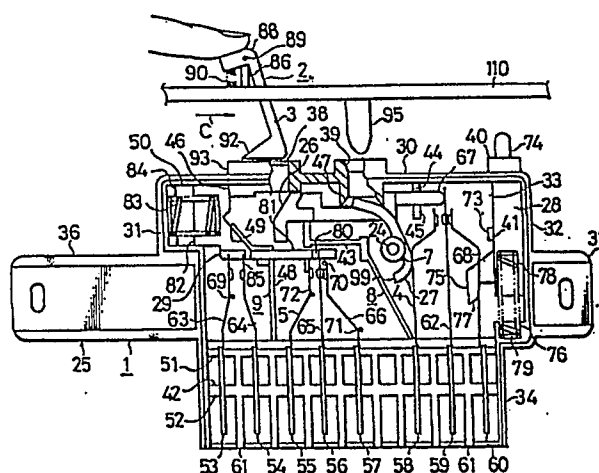
(21) Application number: **86104871.8**(51) Int. Cl.⁴: **H 01 H 3/16**(22) Date of filing: **09.04.86**(30) Priority: **09.04.85 JP 51680/85 U**(43) Date of publication of application: **15.10.86**
Bulletin 86/42(84) Designated Contracting States: **AT BE CH DE FR GB IT LI**
LU NL SE(88) Date of deferred publication of search
report: **15.03.89 Bulletin 89/11**(71) Applicant: **OMRON TATEISI ELECTRONICS CO., 10,**
Tsuchido-cho Hanazono Ukyo-ku, Kyoto 616 (JP)

(72) Inventor: **Noguchi, Masayoshi Patent Center, OMRON**
TATEISI ELECTRONICS CO. 20, Igadera, Shimo-kainji
Nagaokakyo-shi Kyoto 617 (JP)
Inventor: **Yamane, Norihito Patent Center, OMRON**
TATEISI ELECTRONICS CO. 20, Igadera, Shimo-kainji
Nagaokakyo-shi Kyoto 617 (JP)
Inventor: **Nishimura, Yasuhide Patent Center, OMRON**
TATEISI ELECTRONICS CO. 20, Igadera, Shimo-kainji
Nagaokakyo-shi Kyoto 617 (JP)
Inventor: **Kitamura, Takao Patent Center, OMRON**
TATEISI ELECTRONICS CO. 20, Igadera, Shimo-kainji
Nagaokakyo-shi Kyoto 617 (JP)

(74) Representative: **WILHELMS, KILIAN & PARTNER**
Patentanwälte, Eduard-Schmid-Strasse 2,
D-8000 München 90 (DE)

(54) Switch assembly.

(57) A switch assembly comprises a switch mechanism, a latch mechanism having a latch lever and mounted operatively engageably with the switch mechanism, a first contact operated in response to movement of the lever of the latch mechanism relative to the switch mechanism into a latched state, a second contact operated in response to the release of the latch lever from the latched state, whereby the timing at which the first contact is operated is deviated from that of the second contact.



EP 0 197 557 A3



European Patent
Office

EUROPEAN SEARCH REPORT

0197557

Application Number

EP 86 10 4871

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
A	GB-A-2 143 992 (CHERRY ELECTRICAL PRODUCTS CORP.) * Page 2, lines 33-69; figures 4-6 *	1	H 01 H 03/16
A	EP-A-0 101 983 (LITTON SYSTEMS) * Page 3, line 23 - page 5, line 21; figure 4 *	1	
A	US-A-3 691 329 (APPLIANCE MFG CO.)		
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			H 01 H 3/00 H 01 H 9/00 H 05 B 6/00
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 15-12-1988	Examiner JANSSENS DE VROOM P.J.
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			