

(19)



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) Publication number:

0 330 421 A3

(12)

EUROPEAN PATENT APPLICATION(21) Application number: **89301660.0**(51) Int. Cl.5: **H01H 71/62**(22) Date of filing: **21.02.89**(30) Priority: **22.02.88 GB 8804074**(43) Date of publication of application:
30.08.89 Bulletin 89/35(84) Designated Contracting States:
DE FR GB IT(88) Date of deferred publication of the search report:
09.01.91 Bulletin 91/02

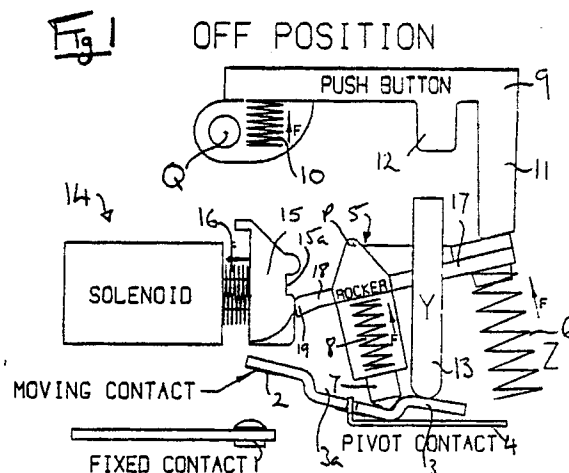
(71) Applicant: **DELTA ACCESSORIES & DOMESTIC SWITCHGEAR LIMITED**
Whitegate Broadway
Chadderton Oldham Lancashire OL9 9QG(GB)

(72) Inventor: **Bailey, Kenneth Jeffrey**
"The Wynding" 38, Styal Road
Wilmslow Cheshire SK9 4AG(GB)
Inventor: **Boothman, Barry**
15, Bramley Road Bamford
Rochdale Lancashire(GB)
Inventor: **Trafford, Stephen Mark**
6, Milton Close
Helmshore Lancashire BB4 4LA(GB)

(74) Representative: **Shindler, Nigel et al**
BATCHELLOR, KIRK & CO. 2 Pear Tree Court
Farringdon Road
London EC1R 0DS(GB)

(54) **Switch mechanism.**

(57) An electrical switch mechanism comprising: a fixed contact; a movable contact on a lever carrier, movable between an inoperative position and an operative position where the contacts engage, through an intermediate position; a pivotable rocker carrying first bias means for urging the lever carrier, the rocker being pivotable from a first rest position where the first bias means can urge the lever carrier into the inoperative position and a second position where the bias means can urge the lever carrier into the intermediate position; an actuator comprising a push button which, when actuated, pivots the rocker between the first position and the second position, and a latch which retains the rocker in the second position upon release of the push button, the arrangement being such that when the push button is subsequently released, the first bias means urges the lever carrier into the operative position.

**EP 0 330 421 A3**



European
Patent Office

EUROPEAN SEARCH REPORT

Application Number

EP 89 30 1660

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.5)
A	EP-A-0 133 809 (DELTA ACCESSORIES & DOMESTIC SWITCHGEAR LTD) * page 4, lines 7 - 27; claim 1 * - - -	1	H 01 H 71/62
A	GB-A-2 086 136 (B & R RELAYS LTD) * abstract; figure 5 * - - -	1	
A	FR-A-1 139 173 (S.A. APPAREILLAGE GARDY) * figures * - - - - -	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			H 01 H
The present search report has been drawn up for all claims			
Place of search		Date of completion of search	Examiner
The Hague		14 November 90	JANSSENS DE VROOM P.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone		E : earlier patent document, but published on, or after the filing date	
Y : particularly relevant if combined with another document of the same category		D : document cited in the application	
A : technological background		L : document cited for other reasons	
O : non-written disclosure		& : member of the same patent family, corresponding document	
P : intermediate document			
T : theory or principle underlying the invention			