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(54) Hinge switch arrangement.

(57) A switch (S) is accommodated in a housing (18a) on one hinge leaf member (2) and is operated on relative angular movement of the hinge leaf members (2, 3) about the hinge pin (4) by operating means comprising a plunger (23) cooperating with the periphery of the hinge pin (4) and acting at its other end on a spring loaded rocker lever (20) which in turn acts on the micro switch (S). In use the hinge pin (4) is fast with the hinge member (3) and the periphery of the hinge pin (4) has a recess (27). In a typical mode of use the plunger (23) enters the recess (27) in the operative condition of the switch and door closed position. Immediately the door is opened the plunger (23) rides out of the recess (27) to effect operation of the switch to the inoperative safety condition. For setting purposes and other modes of use the hinge pin (4) is angular adjustable in the hinge member (3) and locked in the required position by the screw (8) and pin (9)

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EUROPEAN SEARCH REPORT

Application Number

EP 88 30 7488

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)
X	US-A-3840715 (GWOZDZ) * the whole document *	1-4, 8	H01H3/16
Y		9	
Y	US-A-3659063 (PETERSON) * column 3, lines 41 - 50; claim 1 *	9	
A		1	
X	GB-A-1333034 (GOULD) * the whole document *	1, 3-7	
X	DE-A-2927764 (KRONSEDER) * the whole document *	1, 3, 4, 10	
X	US-A-4284861 (SENFTEN) * the whole document *	1, 3, 4	
A	US-A-3729603 (FOLTZ)		

TECHNICAL FIELDS SEARCHED (Int. Cl.4)

H01H

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
THE HAGUE	02 JULY 1990	DESMET W.H.G.

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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E : earlier patent document, but published on, or after the filing date
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