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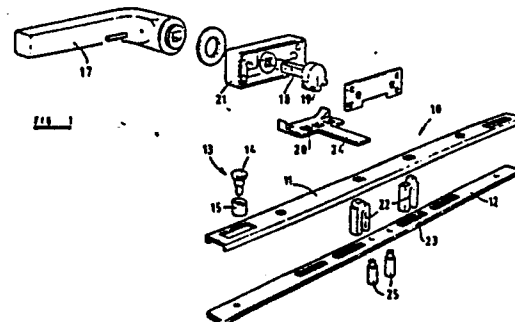
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⑤ Securing system for a hinged panel.

⑤ A securing system for a hinged panel such as a hollow stile window or door comprises a rotatable handle (17) which drives a rotatable pinion (19) acting on a slidable rack (20). The projecting operating member (24) of the rack (20) acts between a pair of abutments (25) fixed to a slidable espagnolette part (12), to move the slidable part (12) relative to a fixed espagnolette part (11) secured to an edge of the window stile. Rollers (15), which may be tapered or flanged, can be engaged or disengaged with keepers (16) in a fully locked position (30) or a locked ventilation position (31). Optional variations of the system incorporate a two or three point locking bar system driven by the rack and pinion and a multi point espagnolette system acting on three or four sides of the hinged window panel. Different widths of stile including slimline stiles can be accommodated using slotted fixing members (22) in one plane and by the configuration of the drive element (24) in a perpendicular plane.





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	GB-A-2 072 740 (GKN CROMPTON LTD.) * Figures 1,3; whole document *	1,3,4,6,	E 05 C 9/06 E 05 C 9/02
Y		2,7,9,10	
Y	DE-A-1 784 674 (W. FRANK GmbH) * Figures 1-4; page 2, lines 16-22; page 5 *	2,7	
Y	FR-A-2 207 516 (GILLET-ROQUIGNY) * Whole document *	10	
Y	DE-A-2 436 266 (F.W. WEIDTMANN) * Figures 1-4; page 2, lines 4-12; page 3, line 24 - page 4, line 5 *	9	TECHNICAL FIELDS SEARCHED (Int. Cl. 4)  E 05 C
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 09-07-1986	Examiner SEDY, R.
<p><b>CATEGORY OF CITED DOCUMENTS</b></p> <p>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</p> <p>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  &amp; : member of the same patent family, corresponding document</p>			