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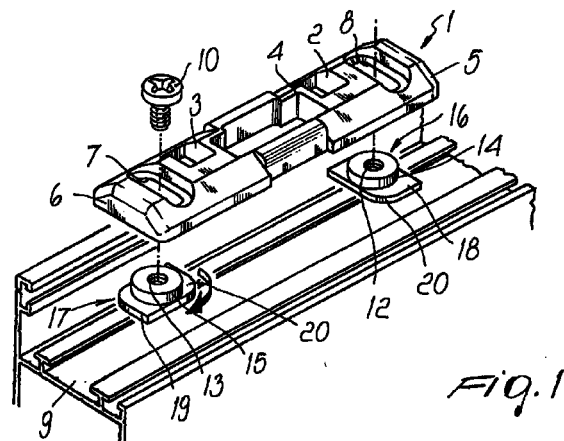
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(54) **Plate with engagement selvages for bolts of casements, such as doors and windows**

(57) A plate with engagement selvages for the bolts of leaves of doors and windows, said plate (1) being mountable in a channel (9) of profiles which form rails of a frame of a door or window, said channel being formed by two parallel ridges (9a) which form said channel and from the top of which two lips (9b) protrude toward each other, said lips forming two undercuts, the plate comprising two sliding blocks (16, 17) which can be arranged along said channel, two lateral selvages (2, 3) being arranged to the sides of a central selvage (4) of said plate, said lateral selvages (2, 3) being meant for the engagement of a bolt of a fixed leaf and said central selvage (4) being designed for the engagement of a bolt of a movable leaf of said door or window, two slots (7, 8) being formed at the ends of said plate, said slots being perpendicular to said channel and acting as a guide for said sliding blocks transversely to said channel, said slots (7, 8) being crossed by two screws (10) for fixing said plate (1) along said channel (9).



*FIG. 1*



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EUROPEAN SEARCH REPORT

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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.7)
X	GB 2 177 153 A (NORCROS INVESTMENTS LTD) 14 January 1987 (1987-01-14) * the whole document *	1-4	E05C9/18 E05B15/02
A	DE 30 16 398 A (WILHELM WEIDTMANN GMBH & CO KG) 5 November 1981 (1981-11-05) * the whole document *	2,3	
A	EP 0 841 447 A (EFFEFF FRITZ FUSS GMBH & CO KG AA) 13 May 1998 (1998-05-13) * abstract *	1	
A	US 5 328 217 A (SANDERS) 12 July 1994 (1994-07-12) * the whole document *	1-4	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			E05C E05B E06B
Place of search	Date of completion of the search	Examiner	
THE HAGUE	1 March 2001	Van Beurden, J	
CATEGORY OF CITED DOCUMENTS		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	
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		& : member of the same patent family, corresponding document	

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 00 11 1907

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01-03-2001

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
GB 2177153 A	14-01-1987	NONE	
DE 3016398 A	05-11-1981	NONE	
EP 0841447 A	13-05-1998	DE 19646490 A	20-05-1998
US 5328217 A	12-07-1994	US 5350207 A	27-09-1994

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