

11) Publication number:

0 234 784

**A3** 

12

## **EUROPEAN PATENT APPLICATION**

(21) Application number: 87301071.4

(51) Int. Cl.<sup>3</sup>: E 05 B 15/02

22 Date of filing: 06.02.87

- 30 Priority: 20.02.86 GB 8604189 08.08.86 GB 8619395
- Date of publication of application: 02.09.87 Bulletin 87/36
- BB Date of deferred publication of search report: 13.01.88
- Designated Contracting States:
   DE FR GB IT

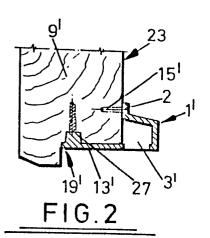
- 71 App!icant: Isaac, Leslie Thomas 3 Apollo Way Bootle Liverpool, L30 7PH(GB)
- (2) Inventor: Isaac, Leslie Thomas 3 Apollo Way Bootle Liverpool, L30 7PH(GB)
- (74) Representative: Cardwell, Stuart Martin et al, Roystons Tower Building Water Street Liverpool, Merseyside L3 1BA(GB)

[54] Improvements in and relating to fastening means for doors or the like.

(5) A latch plate/staple for use in securing an opening door or window relative to a frame and adapted to receive a latch or bolt of a lock.

In order to locate the staple more securely in position there is provided a flange member (13') which in its fitted position extends in a direction normal to the plane of the opening by a substantial distance relative to the thickness of the opening member or rebate (19') therefor, and locating means of or cooperating with said flange member (13') is provided at said substantial distance. The locating means comprises at least screw means (11') and preferably flange extension means. The flange extension means takes the form of a projection (27) extending into the frame, or a widthwise extension (21).

The screw means (11') and/or flange extension, being disposed at a greater distance from the edge of the door that known designs, results in a stronger fixing.





## **EUROPEAN SEARCH REPORT**

Application number

EP 87 30 1071

DOCUMENTS CONSIDERED TO BE RELEVANT				
Category	Citation of document with indication, where appropriate, of relevant passages		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. CI 4)
х	FR-A-2 457 363 CHAUVAT ET SOFRA * complete document	ANO REUNIS)	1-3,6 7,9	E 05 B 15/02
х	GB-A-1 051 316  * complete documents	(R.J. HAMMERTON)	1,2,9	
х	DE-C- 218 660 * complete docum		1-3,9	
A	US-A-3 767 245	 (J.N. KEEFE)		
	* figure 2 *	<b></b>		
A	GB-A-1 471 896 (CROMPTON NETTLEFOLD STENMAN LTD.)			TECHNICAL FIELDS SEARCHED (Int. Ci 4)
	* figures 1-4 *	per cus		E 05 B 15/00
	·			
<del></del>	The present search report has t	poen drawn up for all claims		
Place of search Date of completion of to DERLIN 14-10-198			KRA	Examiner BEL A.W.G.
Y: pa do A: te O: no	CATEGORY OF CITED DOCU articularly relevant if taken alone articularly relevant if combined we comment of the same category chnological background on-written disclosure termediate document	E : earlier parafter the vith another D : documer L : documer	atent document filing date at cited in the ap at cited for othe of the same pat	rlying the invention , but published on, or oplication r reasons ent family, corresponding