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71 Applicant: **Thuresson, Arne**
Furuvägen 13A
S-172 33 Sundbyberg(SE)

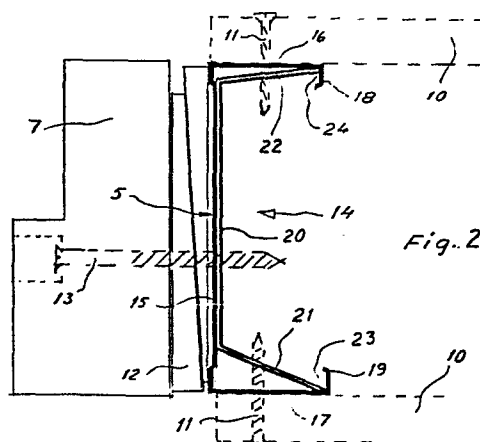
72 Inventor: **Thuresson, Arne**
Furuvägen 13A
S-172 33 Sundbyberg(SE)

74 Representative: **Lindblad, Sture et al,**
c/o AWAPATENT AB Box 7402
S-103 91 Stockholm(SE)

54 **Arrangement in a reinforcing insertion structure for wall studs.**

57 Arrangement in a wall stud (5), for providing a reinforcing insertion structure (14), said wall stud (5) having a generally U-shaped cross-section with a web (15) and two flanges (16, 17) projecting from the web (15) in the same direction and at approximately right angles thereto. At their outer ends the flanges (16, 17) have edge portions (18, 19) bent inwardly towards each other so that an inner corner will be formed at the outer end of each flange (16, 17).

At least at the points where insertion is to take place the stud (5) is provided with mounting and rigidifying inserts (14) arranged in the longitudinal direction and including a first web or flange portion (20) applied along the web (15) of the stud (5) and at least one second flange portion (21, 22) arranged at an angle to the first flange portion (20) and the longitudinal outer free edge of which is adapted to be accommodated in said inner corner of the stud (5). The second flange portion (21, 22) is disposed so as to form, together with part of the web and flange portions (15; 16, 17) of the stud (5), one or more longitudinal hollow spaces of triangular torsionally rigidifying section.





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EUROPEAN SEARCH REPORT

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EP 83 85 0157

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. ³)
A	DD-A- 107 325 (G. KRÀMER et al.) * Figures 3-5; claim 7 *	1	E 06 B 1/02 E 04 B 2/60
A	US-A-3 425 159 (F.J. FORTSCH et al.) * Complete document *	1	
A	US-A-4 281 480 (A.C. WENDT) * Figures 2, 6; column 4, lines 63-68 * -----		
			TECHNICAL FIELDS SEARCHED (Int. Cl. ³)
			E 06 B 1/00 E 04 B 2/00 F 16 S 3/00
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 27-12-1983	Examiner KRABEL A.W.G.
<p>CATEGORY OF CITED DOCUMENTS</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 & : member of the same patent family, corresponding document</p>			