

(12) **EUROPEAN PATENT APPLICATION**

(21) Application number: 85300888.6

(51) Int. Cl.⁴: **E 04 F 13/08**

(22) Date of filing: 11.02.85

(30) Priority: 23.07.84 CA 459473

(43) Date of publication of application:
05.02.86 Bulletin 86/6

(88) Date of deferred publication of search report: 03.06.87

(84) Designated Contracting States:
AT BE CH DE FR GB IT LI LU NL SE

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(54) **Insulated siding and method for its application.**

(57) An insulated siding comprises a panel (10) of hardboard attached by adhesive to a polystyrene foam layer (11). The rear surface (18) of the foam layer is parallel to the front face (14) of the hardboard panel. The upper and lower surfaces (19, 24) of the foam have parallel V-shape with the upper surface having the V inward for collection of moisture. The panels are installed by overlapping the hardboard of two adjacent panels to allow the foam layers to interlock leaving a space for a sponge layer (37). Channels (27, 29) are formed in the foam downwardly between the hardboard and the foam and across the bottom of the foam to provide an intercommunicating network to transmit moisture vapor. The panels can be nailed to the front face of a building using a spacer device (30) to set the distance of the upper edge of the panel from the front face of the building to prevent compression of the foam.

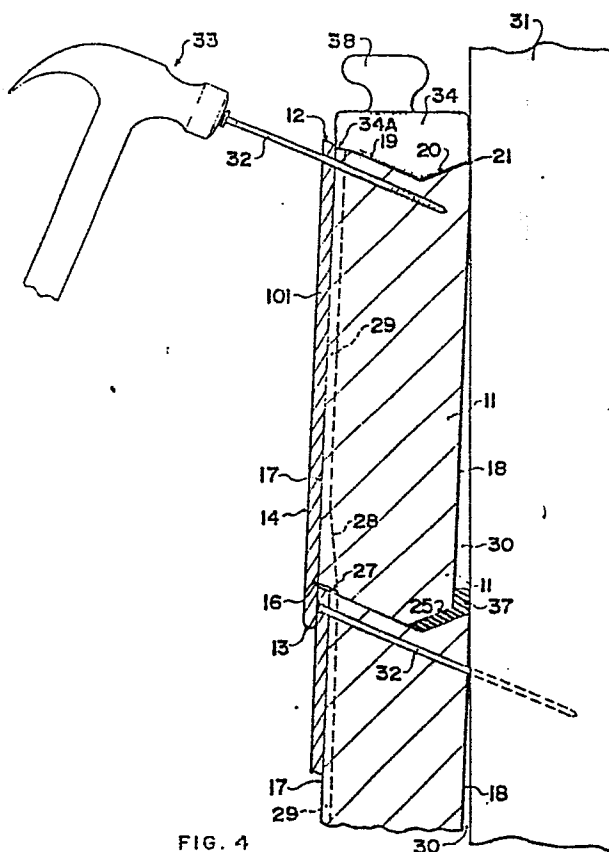


FIG. 4



EP 85 30 0888

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)
P,Y	FR-A-2 546 560 (MIPLACOL-FR) * Page 5, line 8 - page 7, line 6; figures 1-3 *	1,9	E 04 F 13/08
P,X		10	
A		6,8,11	
Y	--- US-A-1 832 397 (HULTQUIST) * Page 1, line 94 - page 4, line 3; figures 1-12 *	1	
A		2	
Y	--- DE-A-2 831 284 (PLEIN) * Page 12, line 22 - page 16, line 29; figures 1-3 *	9	TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
A		2,3	E 04 F
P,X	--- EP-A-0 120 751 (SMAC ACIEROID) * Page 3, line 14 - page 8, line 23; figures 1-6 *	10	
A		1,5,7, 8,11	
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 11-02-1987	Examiner AYITER J.
<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>			



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	Page 2 CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
X	DE-A-2 623 355 (KAISER°) * Page 11, line 1 - page 14, line 20; figures 1-3 *	10	
A		1,5,7,8	
A	--- US-A-3 826 054 (CULPEPPER JR.) * Column 2, line 23 - column 3, line 10; figures 1,2 *	1,4,7	
A	--- US-A-4 292 776 (McDONALD) * Column 2, line 54 - column 4, line 23; figures 1-5 *	2,3,5,6,9	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
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