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54 Insulated wall panels.

57 An insulated wall panel comprises a stainless steel or other sheet metal exterior 1 separated by a layer 3 of insulation material from an interior membrane 2 that carries support means, in the form of pins 5, for the insulation material. Each wall panel 1 preferably has a ribbed exterior that may be in the form of a single sheet of stainless steel. The interior membrane 2 may be a single sheet formed from mild steel, stainless steel, galvanised steel or calcium silicate board and the insulating material 3, which is preferably disposed at both sides of the interior membrane 2, may advantageously be ceramic wool. There are preferably two layers of insulating material to the rear of the interior membrane 2, said layers being physically separated by a sheet of aluminium foil 7. Such wall panels are particularly suitable for the walls of buildings in offshore marine situations and the support of the insulating material 3 from the interior membrane 2 by the pins 5 prevents the visible surface of the stainless steel exterior from being defaced by weld burns. The panels provide a good corrosion-resisting vapour barrier and the insulating material 3 tends to remain in its appointed position should a panel be exposed to a closely neighbouring fire.

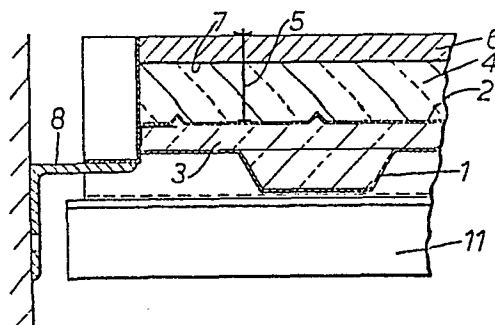


FIG. 5.



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. <sup>3</sup> )
X	US-A-3 879 910 (WAITE) * Column 1, line 37 - column 2, line 43; figures 2-4 *	1	E 04 C 2/26
Y		2	
A		3-7, 11	
Y	--- US-A-3 482 367 (CURRAN) * Column 4, lines 24-38; figure 1 *	2	
A	--- US-A-2 744 589 (JENKINS) * Column 2, lines 16-29; column 4, lines 3-10; figures *	3, 8-10	
			TECHNICAL FIELDS SEARCHED (Int. Cl. <sup>3</sup> )
			E 04 C
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 05-07-1984	Examiner MUTTOCK N. J.
<b>CATEGORY OF CITED DOCUMENTS</b>			
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		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	