

(19)



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(11)

EP 0 843 054 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
02.12.1998 Bulletin 1998/49

(51) Int. Cl.⁶: E04C 2/296

(43) Date of publication A2:
20.05.1998 Bulletin 1998/21

(21) Application number: 97120073.8

(22) Date of filing: 17.11.1997

(84) Designated Contracting States:
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC
NL PT SE
Designated Extension States:
AL LT LV MK RO SI

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(30) Priority: 19.11.1996 IT TO960931

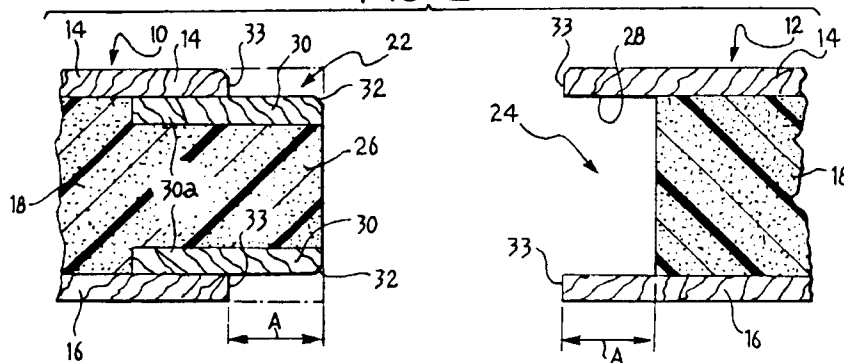
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(54) **A thermally insulating building panel**

(57) A thermally-insulating construction panel comprising two parallel, spaced outer slabs (14, 16) of wood-based material with a layer (18) of expanded, extruded thermal insulation material between them. The slabs (14, 16) of wood-based material have head portions which are substantially smooth and without joints.

Connecting means are formed in the layer (18) of thermal insulation material to include a projecting portion (26) and a groove (28) which are at least twice as thick as each sheet of wood-based material (14, 16).

FIG. 2



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EUROPEAN SEARCH REPORT

Application Number
EP 97 12 0073

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.6)
X	US 5 497 589 A (PORTER) 12 March 1996 * column 2, line 6 - line 42 *	1-5	E04C2/296
Y	* column 6, line 30 - column 7, line 15; figures 3-7 *	6,8-10	
Y	FR 2 545 162 A (R.O.L. ROUGIER OCEAN LANDEX) 2 November 1984	6,8,9	
A	* page 1, line 5 - line 15; figures 1,2 *	7	
A	US 4 575 981 A (PORTER) 18 March 1986 * figures 2,3 *	7	
Y	DE 93 18 466 U (PREISLER) 24 March 1994 * claims 5,8; figure 2 *	10	
A	WO 88 08472 A (WINTER) 3 November 1988 * page 4, line 24 - page 5, line 35; figures 1,2,4 *	1-10	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			E04C E04D E04B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 14 October 1998	Examiner Mysliwetz, W
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 ----- & : member of the same patent family, corresponding document	
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			

EPO FORM 1503 03 82 (P04C01)