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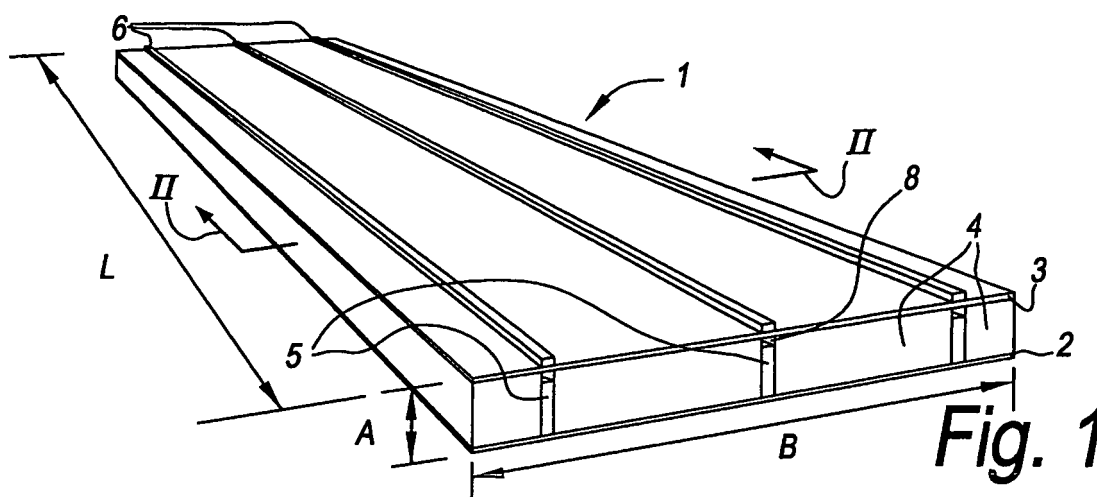
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(54) **Building element and roof construction**

(57) Building element, more particularly for roof, wall or floor constructions, wherein this building element (1) is at least composed of a basic board (2) and a top board (3), between which insulation material (4) is located, and wherein said boards (2-3) are provided with one or more

ribs (5), characterized in that said basic board (2) and top board (3) are acoustically uncoupled. The invention also relates to a roof construction (9), wherein such building elements (1) are attached onto the truss (10) such that at least said top board (2) is acoustically uncoupled in respect to the truss (10).





EUROPEAN SEARCH REPORT

Application Number
EP 10 00 6728

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	DE 200 16 828 U1 (THIERINGER WERNER [DE]) 12 April 2001 (2001-04-12) * abstract *	1-4,6-12	INV. E04B7/22 E04C2/36 E04B1/86
X	DE 100 55 481 A1 (KARNER WOLFGANG [AT]; WEINRICH MANFRED [DE]) 23 May 2002 (2002-05-23) * column 2, line 11; figure 1 * * paragraphs [0011], [0 26] *	1-4,6-12	
X	US 3 782 049 A (SACHS M) 1 January 1974 (1974-01-01) * figures 1-6 *	1-5,7-9	
X	WO 2008/139179 A2 (SHIRE STRUCTURES LTD [GB]; CROOK SIMON [GB]) 20 November 2008 (2008-11-20) * figure 6 *	1-4,6,8, 9	
X	DE 195 43 330 A1 (UNIDEK BOUWELEMENTEN [NL]) 22 May 1997 (1997-05-22) * the whole document *	14,15	
A	DE 20 2004 020808 U1 (ISOBOUW DAEMMTECHNIK GMBH [DE]) 2 February 2006 (2006-02-02) * paragraph [0033]; figure 11 *	14,15	TECHNICAL FIELDS SEARCHED (IPC) E04B E04C
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 12 January 2011	Examiner Demeester, Jan
CATEGORY OF CITED DOCUMENTS 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	

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EPO FORM 1503 03.82 (P04C01)



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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):

☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

☒ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.

☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.

☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:

☐ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

☐ The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).



**LACK OF UNITY OF INVENTION
SHEET B**

Application Number
EP 10 00 6728

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-13

Building element with acoustically uncoupled basic board and top board

2. claims: 14, 15

Building element with means for minimizing risk of sliding off the top board

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 10 00 6728

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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12-01-2011

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
DE 20016828 U1	12-04-2001	NONE	
DE 10055481 A1	23-05-2002	NONE	
US 3782049 A	01-01-1974	NONE	
WO 2008139179 A2	20-11-2008	GB 2463189 A	10-03-2010
DE 19543330 A1	22-05-1997	EP 0775787 A1	28-05-1997
DE 202004020808 U1	02-02-2006	NONE	