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(54) Thermal insulating floor panel with reinforcement and supported floor structure

(57) A floor structure 10 includes two panels 12, which abut. Each comprises a slab 14 of thermal insulation material. There is reinforcement 16, 18 at oppositely directed faces of the slab 14. The lower reinforcement 18 provides resistance in tension and may be a relatively

thin layer formed by strands of reinforcing material running generally parallel to the lower face 20 of the slab 14. The upper reinforcement 16 is preferably a body of material which is incompressible relative to the slab 14, such as a concrete, screed or other cementitious material.

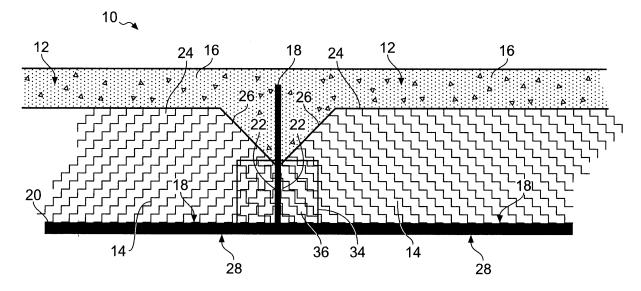


Fig. 1

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PARTIAL EUROPEAN SEARCH REPORT

Application Number

which under Rule 45 of the European Patent Convention EP $\,06\,25\,3253\,$ shall be considered, for the purposes of subsequent proceedings, as the European search report

<u> </u>	Citation of document with in	ndication, where appropriate,	Relevant	CLASSIFICATION OF THE	
Category	of relevant pass	, ,, ,	to claim	APPLICATION (IPC)	
Х	US 2004/115415 A1 (17 June 2004 (2004- * paragraphs [0009] [0083]; figure 1 *	THIELE LOTHAR ET AL) 06-17) , [0077], [0079],	1-5,26, 27	INV. E04F15/18 E04F15/024	
Х	US 3 978 263 A (WEL 31 August 1976 (197 * figure 3 *	LENSIEK ET AL) (6-08-31)	1		
Α	ARCHITECTURALE 3D I 9 November 2003 (20		1-5,26, 27		
				TECHNICAL FIELDS SEARCHED (IPC)	
The Searce not compl be carried	y with the EPC to such an extent that lout, or can only be carried out partial	application, or one or more of its claims, does a meaningful search into the state of the art c ly, for these claims.			
Claims se	arched completely :				
Claims se	arched incompletely :				
Claims no	t searched :				
	or the limitation of the search:				
366	SHEEL C				
	Place of search	Date of completion of the search		Examiner	
	Munich	14 September 200	6 Ba	stian, Almut	
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		E : earlier patent do after the filing dat her D : document cited i L : document cited f	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		
	HOJOGICAI DACKOTOUNO		& : member of the same patent family, corresponding document		



INCOMPLETE SEARCH SHEET C

Application Number

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Claim(s) searched completely: 1-24,26-33
Claim(s) not searched: 25,34,35
Reason for the limitation of the search:
Claims 25, 34 and 35 do not describe a technical subject-matter, they only refer back to the drawings and description. In particular, they do not contain any technical features upon which a search could be based. Consequently, these claims were not searched.



Application Number

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CLAIMS INCURRING FEES
The present European patent application comprised at the time of filing more than ten claims.
Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims 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 the first ten claims.
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: 1-5,26,27



LACK OF UNITY OF INVENTION SHEET B

Application Number

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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: 1-5,26,27

floor panel (material of slab)

2. claims: 1,6-24,26,27

floor panel (reinforcement)

3. claims: 26,28-33

structure comprising floor panels

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

EP 06 25 3253

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 The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

14-09-2006

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