

12

EUROPEAN PATENT APPLICATION

21 Application number: **87200419.7**

51 Int. Cl.4: **E 04 F 15/14**
E 04 C 3/20, E 04 C 3/29

22 Date of filing: **06.03.87**

30 Priority: **07.03.86 DK 1033/86**
08.09.86 DK 4268/86

43 Date of publication of application:
16.09.87 Bulletin 87/38

84 Designated Contracting States:
AT BE CH DE ES FR GB GR IT LI NL SE

88 Date of deferred publication of search report:
27.01.88 Bulletin 88/04

71 Applicant: **Kristensen, Kristian Arthur**
Teglgaardsbakken 18
DK-7620 Lemvig (DK)

72 Inventor: **Kristensen, Kristian Arthur**
Teglgaardsbakken 18
DK-7620 Lemvig (DK)

74 Representative: **Smulders, Theodorus A.H.J. et al**
Vereenigde Octrooibureaux Nieuwe Parklaan 107
NL-2587 BP 's-Gravenhage (NL)

54 **A prefabricated guiding member for use when casting concrete floors and a method of using such guiding member.**

57 A prefabricated guiding member or casting guide (2,24,32,40,60) for use when casting concrete floors or similar casted surfaces and adapted to be permanently mounted along opposite sides of a rectangular casting field (A,B,C, Fig.9) with mutually flushing top sides (10) previous to the casting operation, the guiding member (24) being shaped as an elongate casted member with cross section either as an inverted T (2,24,40,60) or being L-shaped (32), i.e. having a marked foot portion (14) and either an upright central web portion or an upright web portion at one side of the foot portion (32). The guiding member (24) being at least at one outside provided with corrugated surface (26) while the opposite outside preferably has a smooth outside (28) which may even be almost plane. Hereby it is possible in a better manner to control the formation of shrink cracks to actually occur preferably along said smooth outside (28) of the guiding member (24). By furthermore providing this smooth outside (28) with an upper joint member (30) it is possible entirely to eliminate the result of unavoidable setting cracks along the guiding member (24) as the joint member (30) after the casting operation and setting is substituted by a permanent joint of elastic material. By the casting of concrete floors the field casted first is mounted with guiding members (24) in such a manner that corrugated outsides (26) facing all the sides of the field as it is found that

shrink cracks mostly are seen along the last casted side of the guiding member (24).

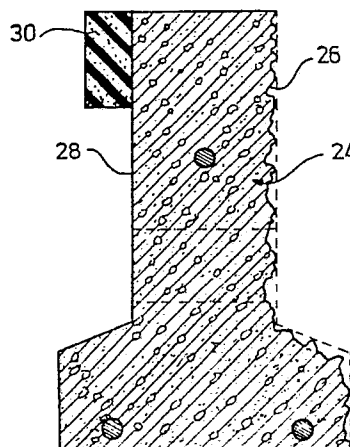


Fig.3



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)
X	FR-A-2 292 907 (TOFFOLO) * Page 2, lines 12-32; page 3, lines 16-29; page 4, lines 7-11,22-27; figures 1,2 *	1	E 04 F 15/14 E 04 C 3/20 E 04 C 3/29
Y	---	3,4	
A	---	5,6	
Y	FR-A- 406 156 (L'HERITIER) * Page 1, lines 17-23; figures 1-3 *	3,4	
Y	FR-A-2 221 950 (LOUIS) * Page 1, lines 10-21,30-37; page 2, lines 1-3,19-36; page 3, lines 1-3; figures *	1-3,5,6 ,9	
Y	GB-A-2 147 929 (GOODHIND) * Page 2, lines 4-13,21-29; figures 1,2 *	1,2	
Y	FR-A-2 262 724 (COSTAMAGNA) * Page 2, lines 28-40; page 3, lines 1,10-13; figures 1,2,2a,2b,2c *	1,3,9	
A	---	4	
Y	FR-A-2 286 255 (ESCRIBA) * Page 2, lines 40-45; figures 1,3,6,8,9 *	1,5,6	
Y,P	DE-U-8 431 614 (ORI-PRIMAT) * Page 6, paragraphs 1,3; figures 1,2 *	1,5-7	
A	WO-A-8 303 862 (PERMABAN) * Page 4, lines 23-35; page 5, lines 1-22; figures *	1,3,4,9	

	-/-		
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 13-11-1987	Examiner HENDRICKX X.
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	



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)
A	DE-A-3 026 641 (KISSEL) * Page 5, paragraphs 1,2; figure 2 * ---	7	
A	US-A-3 953 661 (GULLEY) * Column 2, lines 49-55; column 4, lines 54-64; figures 1-5 * -----	8	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 13-11-1987	Examiner HENDRICKX X.
<div>CATEGORY OF CITED DOCUMENTS</div> <div><div>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</div><div>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</div></div>			