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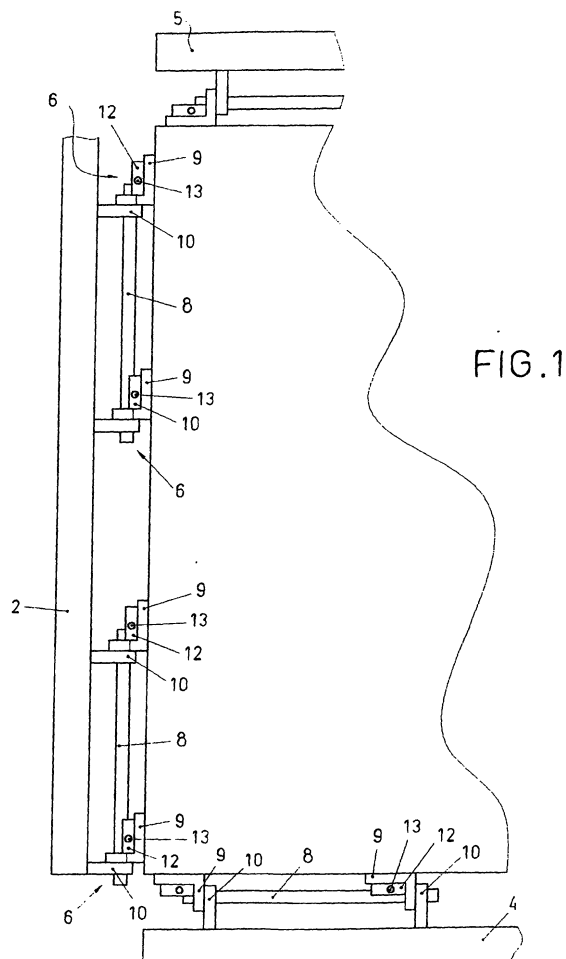
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(54) **Mould for making prefabricated walls**

(57) It comprises a frame defining a cavity adapted to receive concrete mass and reinforced concrete. The frame is formed by a horizontal bottom (1), side walls (2, 3), end walls (4, 5) and means (6) for collapsing said walls (2, 3, 4, 5) relative to said bottom (1) comprising shafts (8) arranged parallel to said walls (2, 3, 4, 5) the ends of which pass through a plate (9) welded to the above mentioned horizontal bottom (1) and a plate (10) welded to the wall (2, 3, 4, 5) of the mould frame. There are provided locking means for locking walls (2, 3, 4, 5) relative to the bottom (1) comprising pins (14) received within holes (11, 13) formed in the plate (9) and in a plate (12) welded to said walls (2, 3, 4, 5), preventing them from being collapsed relative to the mould bottom (1).





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EUROPEAN SEARCH REPORT

Application Number
EP 02 38 0030

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.7)
X	US 3 348 802 A (CORBETT ROBERT B) 24 October 1967 (1967-10-24)	1	B28B7/00
A	* figures 1,2 *	2,3	

X	DE 568 494 C (SCHEIDHAUER & GIESSING A G) 20 January 1933 (1933-01-20)	1	
A	* page 1, line 23 - line 31 *	2,3	
A	* figure 1 *		

X	DE 10 16 178 B (FRIEDRICH NAWRATH;EUGEN WIEST DIPL ING) 19 September 1957 (1957-09-19)	1,2	B28B
A	* column 4, line 32 - line 37 *	3	
A	* column 4, line 52 - line 66 *		
A	* figure 1 *		

X	FR 915 226 A (GIRAUD PAUL-ANDRE) 30 October 1946 (1946-10-30)	1,2	
A	* page 1, line 1 - line 17 *	3	
A	* figures 1,4 *		

X	GB 177 229 A (WILLIAM WILKIE) 20 March 1922 (1922-03-20)	1,2	TECHNICAL FIELDS SEARCHED (Int.Cl.7)
A	* page 1, line 13 - line 25 *	3	
A	* figures 1,5 *		

X	FR 554 424 A (MOUTET HENRI) 11 June 1923 (1923-06-11)	1,3	
A	* figures 1,2 *	2	

A	ES 8 608 612 A (LEIRO PAZ VALENTIN) 1 December 1986 (1986-12-01)	1-3	
	* the whole document *		

-The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
The Hague		29 July 2003	Real Cabrera, R.
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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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:

1-3.



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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: 1-3

1.1. claim: 1

Mould with tiltable sidewalls

1.2. claims: 2,3

Means for tilting and fixing the sidewalls of a mould

2. claims: 4,5

Divider device for a mould

3. claim: 6

Means for coupling sidewalls of a mould

Please note that all inventions mentioned under item 1, although not necessarily linked by a common inventive concept, could be searched without effort justifying an additional fee.

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

EP 02 38 0030

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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29-07-2003

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 3348802	A	24-10-1967	NONE	
DE 568494	C	20-01-1933	NONE	
DE 1016178	B	19-09-1957	NONE	
FR 915226	A	30-10-1946	NONE	
GB 177229	A	20-03-1922	NONE	
FR 554424	A	11-06-1923	NONE	
ES 8608612	A	16-06-1986	ES 544038 A2	16-06-1986