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(54) **Constructive element and method for producing said constructive element**

(57) The constructive element comprises: a) a permanent formwork constituted by a pair of separate semi-forms, facing each other and defining a hollow space between them; b) a construction setting material arranged inside said hollow space; and c) auxiliary installations. In one aspect, each semi-form consists of a metal plate fitted with protuberances projecting from one side of the metal plate towards the construction setting material, and with slots housing said auxiliary installations. In another aspect, each semi-form consists of a plastic plate, wherein one of the plastic plates is fitted with protuberances and the other plastic plate is fitted with slots. The method comprises a) arrangement of the auxiliary installations in the slots; and b) arrangement of two semi-forms and subsequent filling with the construction material until it sets; and optionally connecting the systems and/or installing of the coating elements.

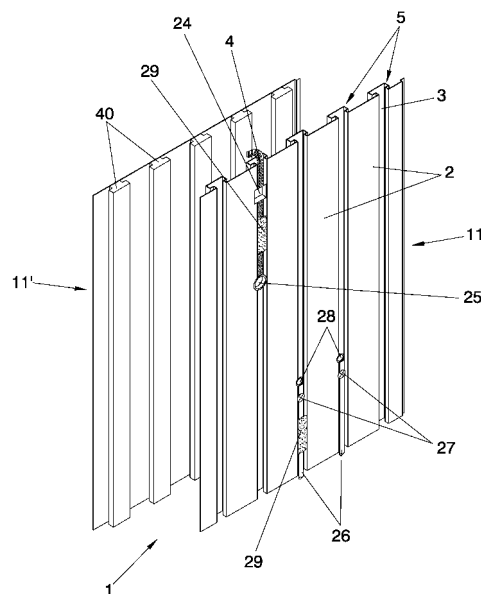


FIG. 1

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**PARTIAL EUROPEAN SEARCH REPORT**

Application Number

under Rule 62a and/or 63 of the European Patent Convention.
This report shall be considered, for the purposes of
subsequent proceedings, as the European search report

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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	EP 0 757 137 A1 (FISCHER WILLIBALD [DE]) 5 February 1997 (1997-02-05) * abstract * * column 4, line 3 - column 7, line 21 * * figures 1-5 * -----	1,3-5, 13-15	INV. E04B2/86
X	BE 902 661 A1 (MEESTER LEOPOLD E J M J DE) 30 September 1985 (1985-09-30) * page 2, line 7 - page 5, line 27 * * figures 1-9 *	1,13	
X	DE 21 39 197 A1 (SCHWEIKER KONRAD) 22 February 1973 (1973-02-22) * page 6, line 14 - page 13, line 5 * * figures 1-11 * -----	1	
			TECHNICAL FIELDS SEARCHED (IPC)
			E04B E04C
INCOMPLETE SEARCH			
<p>The Search Division considers that the present application, or one or more of its claims, does/do not comply with the EPC so that only a partial search (R.62a, 63) has been carried out.</p> <p>Claims searched completely :</p> <p>Claims searched incompletely :</p> <p>Claims not searched :</p> <p>Reason for the limitation of the search: see sheet C</p>			
Place of search		Date of completion of the search	Examiner
Munich		29 June 2011	Beucher, Stefan
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

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EPO FORM 1503 03.82 (P04E07)



**INCOMPLETE SEARCH
SHEET C**

Application Number

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Claim(s) completely searchable:
1-5, 13-15

Claim(s) not searched:
6-12, 16-18

Reason for the limitation of the search:

Aforementioned claims were not searched due to an invitation pursuant to Rule 61a(1) EPC.

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

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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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29-06-2011

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0757137	A1	05-02-1997	NONE	

BE 902661	A1	30-09-1985	NONE	

DE 2139197	A1	22-02-1973	NONE	
