#### (12)

#### **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3: **09.11.2011 Bulletin 2011/45** 

(43) Date of publication A2: **26.01.2011 Bulletin 2011/04** 

(21) Application number: 10165841.7

(22) Date of filing: 14.06.2010

(51) Int Cl.:

E04C 2/292 (2006.01) E04B 2/00 (2006.01) E04D 3/35 (2006.01)

E04B 1/00 (2006.01) E04F 15/00 (2006.01) E04F 15/20 (2006.01)

(84) Designated Contracting States:

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB

GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO
PL PT RO SE SI SK SM TR

Designated Extension States:

**BA ME RS** 

(30) Priority: 15.06.2009 NL 2003023

- (71) Applicant: M3C Ingenieursburo 6627 AG Maasbommel (NL)
- (72) Inventor: Blauwiekel, Johannes Niels 6627 AG, Maasbommel (NL)
- (74) Representative: van Oeffelt, Abraham Patentwerk B.V. PO Box 1514 5200 BN 's-Hertogenbosch (NL)

# (54) Construction element and method for constructing a wall

(57) The present invention relates to a construction element (1,1b,1c) for constructing a wall of a building, comprising a support structure (2) assembled from a sheet (3) which is formed such that the support structure (2) is provided with a front surface (2a), a first side surface (2b) and a second side surface (2c) lying opposite the first side surface (2b), and a filling (4) extending substantially within the space defined by the front side (2a), the first and second side surfaces (2b,2c), wherein the first side surface (2b) comprises a coupling part formed as at least one protrusion (5) and the second side surface (2c) comprises a coupling part formed as at least one recess (7) for the purpose of coupling the construction element (1b) to a construction element (1c) of similar form.

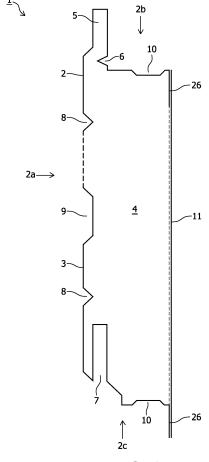


FIG. 1



# **EUROPEAN SEARCH REPORT**

Application Number EP 10 16 5841

	of relevant pass	ndication, where appropriate, ages		Relevant o claim	CLASSIFICATION OF THE APPLICATION (IPC)	
X	GB 2 168 732 A (HOE 25 June 1986 (1986- * page 1, line 5 - figures 1-2 *	-06-25)		10, -15	INV. E04C2/292 E04B1/00 E04B2/00 E04F15/00	
Х	FR 2 893 101 A1 (PI [FR]) 11 May 2007 (		6-	3, 10, -15	E04D3/35 E04F15/20	
	* page 1, lines 3-9 * page 4, line 1 -	); figures 1-4 * page 5, line 27 *				
Х	DE 202 10 072 U1 (\$ 2 October 2002 (200 * pages 8-13; figur		1- 7-	5, 12,14		
X	GB 2 325 678 A (KIN [IE]) 2 December 19 * page 4, line 25 - figures 1-3 *	NGSPAN RES & DEV LTD 198 (1998-12-02) 1 page 7, line 8;		5,7,9, ,12,14		
Х	8 September 1999 (1	INEMANN HERBERT [DE]) 1999-09-08)  - [0026]; figures 1-3	9-12		TECHNICAL FIELDS SEARCHED (IPC) E04C E04B E04F	
Х	AL) 3 January 2008	, [0013] - [0024];		5,7,9, ,12,14	E04F	
X	KROIE ROBERT [AU]) 26 May 2006 (2006-0	- page 19, line 21;	1- 9-	3, 12,14		
A	EP 1 533 442 A1 (BF [ES]) 25 May 2005 ( * figures 2-3 *	RITISH ROBERTSON S L U (2005-05-25)	1-	15		
	The present search report has	·				
		Date of completion of the search 30 September 20	· ·		Examiner Violandi	
Munich		•		tsanou, Violandi		
X : parti Y : parti docu	ATEGORY OF CITED DOCUMENTS icularly relevant if taken alone icularly relevant if combined with anot iment of the same category inological background	L : document cited	ocumer ate in the a for othe	nt, but publis application er reasons	ivention ihed on, or	

EPO FORM 1503 03.82 (P04C01)

O : non-written disclosure
P : intermediate document

<sup>&</sup>amp; : member of the same patent family, corresponding document

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

EP 10 16 5841

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.

30-09-2011

	atent document d in search report		Publication date		Patent family member(s)	Publication date
GB	2168732	A	25-06-1986	AT DE FI FR IT JP JP JP	402082 B 3447330 A1 855111 A 2580312 A2 1186162 B 1811991 C 5022779 B 61155534 A	27-01- 10-07- 25-06- 17-10- 18-11- 27-12- 30-03- 15-07-
FR	2893101	A1	11-05-2007	NONE		
DE	20210072	U1	02-10-2002	EP	1375770 A2	02-01-
GB	2325678	А	02-12-1998	AT AU CZ DE DE EP WO PL	253153 T 7671698 A 9904130 A3 69819319 D1 69819319 T2 0983406 A1 9853155 A1 337067 A1	15-11-; 11-12- 14-06-; 04-12-; 22-07-; 08-03-; 26-11- 31-07-;
EP	0940518	A1	08-09-1999	CA	2255988 A1	03-09-
US	2008000176	A1	03-01-2008	NONE		
WO	2006053377	A1	26-05-2006	NONE		
EP	1533442	A1	25-05-2005	AT ES ES	473332 T 2348544 T3 2302394 A1	15-07-; 09-12-; 01-07-;