

(11) **EP 1 726 730 A3**

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3: 03.10.2007 Bulletin 2007/40

(51) Int Cl.: **E04B** 5/36 (2006.01)

(43) Date of publication A2: 29.11.2006 Bulletin 2006/48

(21) Application number: 06114432.5

(22) Date of filing: 23.05.2006

(84) Designated Contracting States:

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated Extension States:

AL BA HR MK YU

(30) Priority: **23.05.2005 EP 05425358 13.02.2006 EP 06425075**

(71) Applicant: De Berg S.r.I. 20123 Milano (IT)

(72) Inventor: REGORDA, Silvano I-20090, CUSAGO (Milano) (IT)

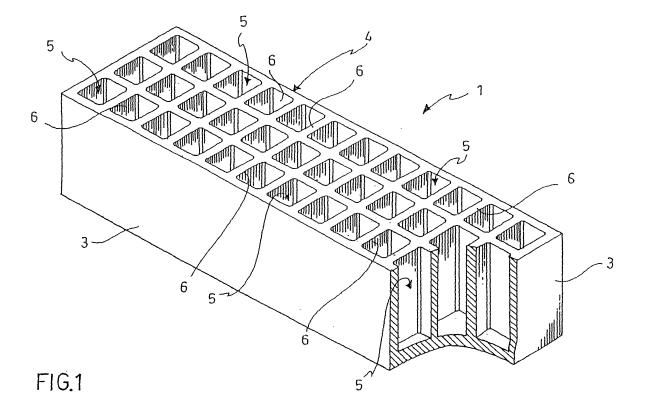
(74) Representative: Long, Giorgio et al Jacobacci & Partners S.p.A. Via Senato, 8 20121 Milano (IT)

(54) Construction panel

(57) The present invention relates to a panel made of plastic material to be used in the preparation of construction elements, especially slabs and ceilings.

Particularly, the present invention relates to a con-

struction panel (1) made of plastic material, characterized in that it has a plurality of blind cavities (5) at a base surface (4), and having a walking surface (2), on the side opposite to said base surface (4), and closed side walls (3).





EUROPEAN SEARCH REPORT

Application Number

EP 06 11 4432

Category	Citation of document with ir of relevant passa	ndication, where appropriate,	Relevan to claim	t CLASSIFICATION OF THE APPLICATION (IPC)	
X Y	FR 2 134 334 A (SIL 8 December 1972 (19	.VES)	1-10, 19-28 14	INV. E04B5/36	
Υ	FR 2 769 650 A (MAT CONSTRUCTION SOCIET 16 April 1999 (1999 * claim 1; figures	E ANONYME) -04-16)	14		
A	DE 16 09 687 A (BUC 11 September 1969 (* figures 1,2 *	 HER) 1969-09-11)	12		
A	EP 1 199 420 A (GEO 24 April 2002 (2002 * figures 1,2 *	PLAST S.R.L.) -04-24)	13		
A	DE 20 07 251 A (PFL 26 August 1971 (197 * page 3, line 17 -	UG) 1-08-26) line 28; figures 1,2 *	15-18,	TECHNICAL FIELDS SEARCHED (IPC)	
Х	DE 18 07 765 A (HEB 27 May 1970 (1970-0 * page 4, line 27 - claims 1,8; figures	5-27) page 6, line 29;	1-11, 19-28	E04C E04B	
А	GB 1 388 846 A (WIL 26 March 1975 (1975 * page 1, line 28 - claims 1,7; figures	-03-26) page 2, line 100;	1-5,19 20,22-		
A	GB 1 052 499 A (HIG 21 December 1966 (1 * figure 2 *		15-18		
	The present search report has b	peen drawn up for all claims			
	Place of search	Date of completion of the search		Examiner	
The Hague		28 August 2007	ugust 2007 Mysliwetz, Wolfga		
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		E : earlier patent do after the filing dat ner D : document cited i L : document cited fi	T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document oited in the application L : document oited for other reasons & : member of the same patent family, corresponding		

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

EP 06 11 4432

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.

28-08-2007

CH 449904 A 15-01-196 EP 1199420 A 24-04-2002 AT 319890 T 15-03-206	FR 2769650 A 16-04-1999 NONE DE 1609687 A 11-09-1969 AT 283680 B 10-08-197 CH 449904 A 15-01-196 EP 1199420 A 24-04-2002 AT 319890 T 15-03-206 DE 60117653 T2 04-01-206 ES 2259000 T3 16-09-206 IT PD20000074 U1 25-03-206 DE 2007251 A 26-08-1971 NONE DE 1807765 A 27-05-1970 NONE GB 1388846 A 26-03-1975 BE 786543 A1 22-01-197 DE 2235924 A1 01-02-197 FR 2146301 A1 02-03-197	Patent document cited in search report	:	Publication date		lication date
DE 1609687 A 11-09-1969 AT 283680 B 10-08-1970 CH 449904 A 15-01-1970 DE 1199420 A 24-04-2002 AT 319890 T 15-03-2070 DE 60117653 T2 04-01-2070 ES 2259000 T3 16-09-2070 IT PD20000074 U1 25-03-2070 DE 1807765 A 27-05-1970 NONE GB 1388846 A 26-03-1975 BE 786543 A1 22-01-1970 DE 2235924 A1 01-02-1970 FR 2146301 A1 02-03-1970	DE 1609687 A 11-09-1969 AT 283680 B 10-08-197 CH 449904 A 15-01-196 EP 1199420 A 24-04-2002 AT 319890 T 15-03-206 DE 60117653 T2 04-01-206 ES 2259000 T3 16-09-206 IT PD20000074 U1 25-03-206 DE 2007251 A 26-08-1971 NONE DE 1807765 A 27-05-1970 NONE GB 1388846 A 26-03-1975 BE 786543 A1 22-01-197 DE 2235924 A1 01-02-197 FR 2146301 A1 02-03-197 NL 7210028 A 24-01-197	FR 2134334	A	08-12-1972	NONE	
CH 449904 A 15-01-196 EP 1199420 A 24-04-2002 AT 319890 T 15-03-206	CH 449904 A 15-01-196 EP 1199420 A 24-04-2002 AT 319890 T 15-03-206	FR 2769650	A	16-04-1999	NONE	
DE 60117653 T2 04-01-200 ES 2259000 T3 16-09-200 IT PD20000074 U1 25-03-200 DE 2007251 A 26-08-1971 NONE DE 1807765 A 27-05-1970 NONE GB 1388846 A 26-03-1975 BE 786543 A1 22-01-190 DE 2235924 A1 01-02-190 FR 2146301 A1 02-03-190 DE 203-190	DE 60117653 T2 04-01-200 ES 2259000 T3 16-09-200 IT PD20000074 U1 25-03-200 DE 2007251 A 26-08-1971 NONE DE 1807765 A 27-05-1970 NONE GB 1388846 A 26-03-1975 BE 786543 A1 22-01-197 DE 2235924 A1 01-02-197 FR 2146301 A1 02-03-197 NL 7210028 A 24-01-197	DE 1609687	A	11-09-1969		
DE 1807765 A 27-05-1970 NONE GB 1388846 A 26-03-1975 BE 786543 A1 22-01-1970 DE 2235924 A1 01-02-1970 FR 2146301 A1 02-03-1970	DE 1807765 A 27-05-1970 NONE GB 1388846 A 26-03-1975 BE 786543 A1 22-01-197	EP 1199420	А	24-04-2002	DE 60117653 T2 04-0 ES 2259000 T3 16-0	91-200 99-200
GB 1388846 A 26-03-1975 BE 786543 A1 22-01-19 DE 2235924 A1 01-02-19 FR 2146301 A1 02-03-19	GB 1388846 A 26-03-1975 BE 786543 A1 22-01-197 DE 2235924 A1 01-02-197 FR 2146301 A1 02-03-197 NL 7210028 A 24-01-197	DE 2007251	Α	26-08-1971	NONE	
DE 2235924 A1 01-02-19 FR 2146301 A1 02-03-19	DE 2235924 A1 01-02-197 FR 2146301 A1 02-03-197 NL 7210028 A 24-01-197	DE 1807765	Α	27-05-1970	NONE	
	GB 1052499 A NONE	GB 1388846	А	26-03-1975	DE 2235924 A1 01-0 FR 2146301 A1 02-0	92-197 93-197
GB 1052499 A NONE		GB 1052499	Α		NONE	

FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82