



(11) **EP 2 085 368 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:  
**04.01.2012 Bulletin 2012/01**

(51) Int Cl.:  
**C04B 28/04** <sup>(2006.01)</sup> **C04B 14/06** <sup>(2006.01)</sup>  
**C04B 14/28** <sup>(2006.01)</sup> **C04B 24/38** <sup>(2006.01)</sup>

(43) Date of publication A2:  
**05.08.2009 Bulletin 2009/32**

(21) Application number: **09151835.7**

(22) Date of filing: **31.01.2009**

(84) Designated Contracting States:  
**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 TR**  
Designated Extension States:  
**AL BA RS**

(72) Inventors:  
• **Czesak, Zofia**  
**26-060 Checiny (PL)**  
• **Gumulka, Wladyslaw**  
**25-113 Kielce (PL)**

(30) Priority: **01.02.2008 PL 38436608**

(74) Representative: **Fietko-Basa, Sylwia**  
**Kancelaria Patentowa**  
**Grazyna Basa**  
**Ul. Jagiellonska 59**  
**25-734 Kielce (PL)**

(71) Applicant: **ALPOL Gips Sp. z o.o.**  
**26-200 Konskie (PL)**

(54) **Joint mortar especially for shaped clinker bricks**

(57) The joint mortar especially for shaped clinker bricks, consisting of dry cement mixture, filling materials and chemical additives and needing only addition of water, according to the invention is characterized by content, taking into consideration its mass, of 15 - 30% grey and/or white Portland cement, between 50 and 70% quartz sand with grain-size distribution of 0,1 - 0,5 mm, between 3 and 10% lime flour with grain-size distribution

of 0,1 - 0,5 mm, between 0,05 and 0,5% modified cellulose ether, between 3 and 10% quartz flour with grain-size distribution of up to 0,3 mm and between 0,05 and 0,5% hydrophobic agent, between 0 and 5% organic and inorganic pigments, and favorably between 0,05 and 1,0 % nanometer-sized additive.

**EP 2 085 368 A3**



EUROPEAN SEARCH REPORT

Application Number  
EP 09 15 1835

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	US 2003/056696 A1 (FENSKE JOHN W [US] ET AL) 27 March 2003 (2003-03-27) * paragraphs [0027], [0028], [0030], [0035], [0051] - [0054]; claims *	1-3	INV. C04B28/04
X	WO 2005/097699 A1 (BARBER ROBERT FREDERICK [AU]) 20 October 2005 (2005-10-20) * page 2, lines 10-29; claims; example 1 *	1-3	ADD. C04B14/06 C04B14/28 C04B24/38
A	EP 1 609 770 A2 (PCI AUGSBURG GMBH [DE]) 28 December 2005 (2005-12-28) * paragraphs [0014] - [0033] *	1-3	
E	EP 2 228 352 A1 (ALPOL GIPS SP Z O O [PL]) 15 September 2010 (2010-09-15) * the whole document *	1-3	
			TECHNICAL FIELDS SEARCHED (IPC)
			C04B
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 22 November 2011	Examiner Theodoridou, K
CATEGORY OF CITED DOCUMENTS		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	
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			

2  
EPO FORM 1503 03.82 (P04C01)

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

EP 09 15 1835

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.

22-11-2011

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2003056696 A1	27-03-2003	NONE	
-----			
WO 2005097699 A1	20-10-2005	GB 2430432 A	28-03-2007
		NZ 550806 A	31-05-2009
		WO 2005097699 A1	20-10-2005
-----			
EP 1609770 A2	28-12-2005	DE 102004030121 A1	19-01-2006
		EP 1609770 A2	28-12-2005
-----			
EP 2228352 A1	15-09-2010	NONE	
-----			