



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : C04B 28/02, 28/14, 40/06, 24/26 // (C04B 28/02, 24:16, 40:06), (C04B 28/14, 24:26, 40:06), C04B 103:20	A3	(11) International Publication Number: WO 99/48833 (43) International Publication Date: 30 September 1999 (30.09.99)		
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top; padding: 5px;"> (21) International Application Number: PCT/GB99/00926 (22) International Filing Date: 24 March 1999 (24.03.99) (30) Priority Data: 9806314.2 24 March 1998 (24.03.98) GB 9812929.9 15 June 1998 (15.06.98) GB 9821152.7 29 September 1998 (29.09.98) GB (71) Applicant (for all designated States except US): BPB PLC [GB/GB]; Langley Park House, Uxbridge, Slough SL3 6DU (GB). (72) Inventors; and (75) Inventors/Applicants (for US only): O'KEEFE, Samantha, Jane [GB/GB]; 36 Barton Road, Barlestone, Nuneaton, Warks CV13 0EP (GB). FREEGARD, Graham, John [GB/GB]; 3 The Mews, Colston Bassett, Notts NG12 3FB (GB). (74) Agent: MARLOW, Nicholas, Simon; Reddie & Grose, 16 Theobalds Road, London WC1X 8PL (GB). </td> <td style="width: 50%; vertical-align: top; padding: 5px;"> (81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i> (88) Date of publication of the international search report: 11 November 1999 (11.11.99) </td> </tr> </table>			(21) International Application Number: PCT/GB99/00926 (22) International Filing Date: 24 March 1999 (24.03.99) (30) Priority Data: 9806314.2 24 March 1998 (24.03.98) GB 9812929.9 15 June 1998 (15.06.98) GB 9821152.7 29 September 1998 (29.09.98) GB (71) Applicant (for all designated States except US): BPB PLC [GB/GB]; Langley Park House, Uxbridge, Slough SL3 6DU (GB). (72) Inventors; and (75) Inventors/Applicants (for US only): O'KEEFE, Samantha, Jane [GB/GB]; 36 Barton Road, Barlestone, Nuneaton, Warks CV13 0EP (GB). FREEGARD, Graham, John [GB/GB]; 3 The Mews, Colston Bassett, Notts NG12 3FB (GB). (74) Agent: MARLOW, Nicholas, Simon; Reddie & Grose, 16 Theobalds Road, London WC1X 8PL (GB).	(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i> (88) Date of publication of the international search report: 11 November 1999 (11.11.99)
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(54) Title: READY MADE CEMENTITIOUS COMPOSITION				
$\left[\text{CH}_2 - \underset{\text{SO}_3\text{H}}{\text{CH}} \right]_x \left[\text{CH}(\text{COOH}) - \text{CH}(\text{COOH}) \right]_y \quad (\text{I})$ $\left[\text{CH}_2 - \underset{\text{OCH}_3}{\text{CH}} - \underset{\text{OH}}{\text{CH}}(\text{COOH}) - \underset{\text{OR}}{\text{CH}}(\text{COOH}) \right] \quad (\text{II})$ $\left[\text{CH}_2 - \underset{\text{OCH}_3}{\text{CH}} - \underset{\text{O}}{\text{CH}}(\text{COOH}) - \underset{\text{O}}{\text{CH}}(\text{COOH}) \right] \quad (\text{III})$				
(57) Abstract The invention provides ready mixed composition comprising: calcium sulphate hemihydrate; water; and a retarder comprising one of the following: (1) a polymer or a copolymer of a monomer of formula (I) (2) a modified maleic anhydride polymer or copolymer. (3) a polymer or copolymer of a monomer having formula (II) wherein R is C₄H₉ or (CH₃)₂CH. (4) 0.09 to 0.1 % by weight plaster of a polymer or copolymer of a monomer having formula (III) and having a molecular weight in the range of about 110 000 to about 140 000. The invention provides ready mixed gypsum plaster jointing compounds with long shelf lives which can be induced to set by the addition of an accelerator. The invention also provides a ready mixed coating system comprising a gypsum composition as described above and a setting accelerator which when mixed with the cementitious composition induces the cementitious composition to set.				

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INTERNATIONAL SEARCH REPORT

International Application No

PL., GB 99/00926

A. CLASSIFICATION OF SUBJECT MATTER

IPC 6 C04B28/02 C04B28/14 C04B40/06 C04B24/26 //(C04B28/02,
24:16,40:06), (C04B28/14,24:26,40:06), C04B103:20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 C04B C09J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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INTERNATIONAL SEARCH REPORT

International Application No

PC./GB 99/00926

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