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Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, 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, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)
- of inventorship (Rule 4.17(iv)) for US only

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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: ADMIXTURE FOR CEMENTITIOUS COMPOSITIONS AND PROCESS FOR PREPARATION THEREOF

(57) Abstract: A process for the preparation of an admixture for a cementitious composition, said admixture comprising water, at least one viscosity modifying agent, and at least one plasticiser, the process comprising the steps of: (i) providing a pre-mixture comprising water, viscosity modifying agent, and a first portion of plasticiser, (ii) mixing the pre-mixture from step (i) with a second portion of plasticiser.



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INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 02/03926

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C04B40/00 C04B28/02 //(C04B28/02,24:26,24:38)

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 7 C04B

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)

EPO-Internal, WPI Data, PAJ, COMPENDEX, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00 06516 A (SUTER WILLI ;AKSTINAT MANFRED (CH); HOLDERBANK FINANC GLARUS (CH)) 10 February 2000 (2000-02-10) page 4, line 11 - line 24; claims ---	1-23
X	US 6 117 226 A (RAKITSKY WALTER GREGORY ET AL) 12 September 2000 (2000-09-12) the whole document ---	1-23
A	WO 99 44966 A (LANGTON CHRISTINE A ;KARRAKER DAVID G (US); NARASIMHAN RAJENDRAN ()) 10 September 1999 (1999-09-10) claims --- -/--	1-43,47

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

° Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

30 July 2003

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Name and mailing address of the ISA

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INTERNATIONAL SEARCH REPORT

International Application No

PC 1 / GB 02/03926

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 00 50362 A (LOTA JASBIR SINGH ;KENDALL KEVIN (GB); BENSTED JOHN (GB); UNIV KEE) 31 August 2000 (2000-08-31) claims 1-7; example 1 -----	1-43,47
A	US 6 106 603 A (DIAL HAROLD ET AL) 22 August 2000 (2000-08-22) claims -----	1-43,47

INTERNATIONAL SEARCH REPORT

International application No.
PCT/GB 02/03926

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☒ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
1-43, 47
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

International Application No. PCT/GB 02 03926

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-23,39, '47!

A process for the preparation of an admixture for cementitious composition comprising water, a plasticiser and a viscosity modifying agent wherein the process comprises a step of providing a premixture and a step of mixing a portion of plasticizer to that premixture. An admixture obtained by this process. A cementitious composition comprising said admixture and a process to produce it. A method of reducing segregation in a cementitious composition comprising an admixture obtained in the same way.

2. Claims: 24-38, '47!

An admixture for cement compositions comprising water, a plasticiser and a viscosity modifying agent characterized by the PH and the amounts of the components. A cementitious composition comprising said admixture.

3. Claims: 40-43, '47!

A process for preparing an admixture for cement compositions comprising water, a plasticiser and a viscosity modifying agent characterized by the total solid content of the premix.

4. Claims: 44-45

Use of monopropylene glycol as a dispersing agent

5. Claim : 46

A polysaccharide suspension containing monopropylene glycol

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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