9906417-0
1103

PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 :		(11) International Publication Number:
C04B 22/06 // 24/22	A1	WO 98/12149
		(43) International Publication Date: 26 March 1998 (26.03.98)

(21) International Application Number: PCT/SE97/01350

(22) International Filing Date: 14 August 1997 (14.08.97)

(30) Priority Data:
9603418-6 19 September 1996 (19.09.96) SE

(71) Applicant *(for all designated States except US)*: EKA CHEMICALS AB [SE/SE]; S-445 80 Bohus (SE).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: BERGQVIST, Hans [SE/SE]; Skogens Gård 95, S-423 50 Torslanda (SE). CHANDRA, Satish [SE/SE]; Karl Gustavsgatan 22B, S-411 25 Göteborg (SE).

(74) Agent: SCHÖLD, Zaid; Eka Chemicals AB, Patent Dept., P.O. Box 11556, S-100 61 Stockholm (SE).

(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, 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, TJ, TM, TR, TT, UA, UG, US, UZ, VN, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).

Published
With international search report.

(54) Title: A METHOD FOR PREPARATION OF A HARDENING COMPOSITION

(57) Abstract

A method for preparing concrete or mortar in which a mixture of a hydraulic binder, aggregates, water, and colloidal silica is prepared. The relative standard deviation of the particle size distribution by numbers of the colloidal silica is at least about 30 %. The invention also relates to concrete or mortar obtainable by the method.