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(71) Applicant (for all designated States except US): **STAKER & PARSON COMPANIES** [US/US]; 2350 South 1900 West, West Haven, UT 84401 (US).

(72) Inventor; and

(71) Applicant : **GRAY, Lonnie, James** [US/US]; 101 West American Avenue, Murray, UT 84107 (US).

(74) Agents: **HANSEN, Andrew, S.** et al.; Workman Nydegger, 60 East South Temple, 1000 Eagle Gate Tower, Salt Lake City, UT 84111 (US).

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(54) Title: CONCRETE MIXTURES INCLUDING CARBON ENCAPSULATING ADMIXTURE

(57) Abstract: Concrete mixtures for use with air entraining agents and supplementary cementitious materials are achieved using a carbon encapsulating agent. The carbon encapsulating agent can include a nitrilotrisethanol aliphatic soap.



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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2012/028379**A. CLASSIFICATION OF SUBJECT MATTER*****C04B 38/10(2006.01)i, C04B 24/08(2006.01)i, C04B 24/12(2006.01)i, C04B 18/08(2006.01)i, B28B 1/50(2006.01)i***

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)

C04B 38/10; C04B 16/08; C04B 24/32; C08K 5/17; C04B 24/12; C08K 5/33; C04B 38/08; C09K 3/00

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

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

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

eKOMPASS(KIPO internal) & Keywords: cement, carbon encapsulating agent, air entraining agent, nitrilotrisethanol, SCM

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2010-0139523 A1 (GRAY, LONNIE JAMES) 10 June 2010 See claims 1, 7, 10, 16.	1,1(1),2-20
A	US 2003-0034479 A1 (MARAZZANI, BEAT et al.) 20 February 2003 See claims 1, 5.	1,1(1),2-20
A	JP 2000-313648 A (TAIHEIYO CEMENT CORP.) 14 November 2000 See abstract; claim 1.	1,1(1),2-20
A	WO 02-088241 A1 (W.R. GRACE & CO.) 07 November 2002 See claims 1, 16.	1,1(1),2-20
	(Note: For the claims 1 and 1(1), the claims are renumbered by this authority because the claim 1 is found twice.)	

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

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HONG, SUNG RAN

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INTERNATIONAL SEARCH REPORT

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