

INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN2018/099484

A. CLASSIFICATION OF SUBJECT MATTER

C04B 28/26(2006.01)i; B61D 17/18(2006.01)i; C04B 111/52(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 28/-; C04B 111/-; B61D 17/-

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 practicable, search terms used)

CNABS, CNKI, VEN, WEB OF SCIENCE: 硅酸三钙, C3S, 氢氧化钙, Ca(OH)₂, 硅酸钠, 水玻璃, 硅酸锂, 硅酸钙, 膨胀, tricalcium silicate, calcium hydroxide, sodium silicate, water glass, soluble glass, lithium silicate, calcium silicate**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
PX	CN 107459325 A (LUYU ROYAL GOLD BUILDING MATERIALS (HE YUAN) CO., LTD.) 12 December 2017 (2017-12-12) claims 1-10	1-10
X	CN 104072083 A (LI, CHUNSONG) 01 October 2014 (2014-10-01) description, paragraphs [0004]-[0015]	1-10
X	CN 106187021 A (HEFEI GUANGNENG NEW MATERIAL TECHNOLOGY CO., LTD.) 07 December 2016 (2016-12-07) description, paragraphs [0007]-[0017]	1-10
A	CN 105777150 A (SHANGHAI SHENGHUA ELECTRIC CO., LTD.) 20 July 2016 (2016-07-20) entire document	1-10
A	CN 107056226 A (HEFEI FENGTENG ENERGY SAVING TECHNOLOGY CO., LTD.) 18 August 2017 (2017-08-18) entire document	1-10
A	CN 101772471 A (ACICO INDUSTRIES CO.) 07 July 2010 (2010-07-07) entire document	1-10

 Further documents are listed in the continuation of Box C. See patent family 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 application or patent 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

12 October 2018

Date of mailing of the international search report

24 October 2018

Name and mailing address of the ISA/CN

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Telephone No.

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.

PCT/CN2018/099484

Patent document cited in search report			Publication date (day/month/year)	Patent family member(s)			Publication date (day/month/year)
CN	107459325	A	12 December 2017	None			
CN	104072083	A	01 October 2014	CN	104072083	B	20 January 2016
CN	106187021	A	07 December 2016	None			
CN	105777150	A	20 July 2016	None			
CN	107056226	A	18 August 2017	None			
CN	101772471	A	07 July 2010	ES	2527934	T3	02 February 2015
				US	2010180797	A1	22 July 2010
				DE	102007027653	A1	18 December 2008
				EP	2164818	A2	24 March 2010
				WO	2008151825	A2	18 December 2008
				WO	2008151825	A3	02 April 2009
				AU	2008261269	A1	18 December 2008
				EP	2164818	B1	22 October 2014
				EA	201000026	A1	30 August 2010