

## 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)<sub>2</sub>, 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

State Intellectual Property Office of the P. R. China  
No. 6, Xitucheng Road, Jimenqiao Haidian District, Beijing  
100088  
China

Authorized officer

Facsimile No. (86-10)62019451

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