

INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN2018/102726

A. CLASSIFICATION OF SUBJECT MATTER		
C21C 5/52(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)		
C21C		
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, DWPI, VEN: 烟气, 水平, 预热, 烧嘴, fume, horizontal, preheat+, burner		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
PX	CN 107460274 A (CISDI ENGINEERING CO., LTD. ET AL.) 12 December 2017 (2017-12-12) claims 1-10, and figures 1-2	1-10
PX	CN 207175997 U (CISDI ENGINEERING CO., LTD. ET AL.) 03 April 2018 (2018-04-03) claims 1-8, and figures 1-2	1-10
X	CN 103003453 A (TENNOVA S.P.A.) 27 March 2013 (2013-03-27) description, paragraphs [0038]-[0060], and figures 1-4	1-3, 8
A	CN 103003453 A (TENNOVA S.P.A.) 27 March 2013 (2013-03-27) description, paragraphs [0038]-[0060], and figures 1-4	4-7, 9-10
A	CN 101776395 A (CISDI ENGINEERING CO., LTD.) 14 July 2010 (2010-07-14) embodiment 1, and figures 1-2	1-10
A	WO 2015181781 A1 (DANIELI OFF MECC) 03 December 2015 (2015-12-03) claims 1-9, and figure 1	1-10
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> 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		Date of mailing of the international search report
05 November 2018		09 November 2018
Name and mailing address of the ISA/CN		Authorized officer
State Intellectual Property Office of the P. R. China No. 6, Xitucheng Road, Jimenqiao Haidian District, Beijing 100088 China		
Facsimile No. (86-10)62019451		Telephone No.

INTERNATIONAL SEARCH REPORT
Information on patent family members

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Patent document cited in search report			Publication date (day/month/year)	Patent family member(s)			Publication date (day/month/year)
CN	107460274	A	12 December 2017	None			
CN	207175997	U	03 April 2018	None			
CN	103003453	A	27 March 2013	US	9677814	B2	13 June 2017
				BR	112013000509	B1	30 January 2018
				CA	2803109	A1	19 January 2012
				WO	2012007105	A1	19 January 2012
				EP	2593572	B1	19 March 2014
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				EA	023507	B1	30 June 2016
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				IT	1401116	B1	12 July 2013
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WO	2015181781	A1	03 December 2015	EP	3149421	A1	05 April 2017
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