

INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN2018/104812

A. CLASSIFICATION OF SUBJECT MATTER

H04L 1/00(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)

H04L

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)

CNKI; CNPAT; WPI; EPODOC; 3GPP: 阵列, 交织, 比特, 子集, 个数, 多, 矩阵, 数目, 数量, 大小, 连续, 列, 输出, 位置, 读出, 写出, array, interlac+, interweav+, bit, subset, number, matrix, multiple, continuous, column, output, read

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CN 1582433 A (NOKIA CORPORATION) 16 February 2005 (2005-02-16) claims 1-4, and description, page 5, line 8 to page 10, line 24	1-17
A	CN 1685618 A (IBIQUITY DIGITAL CORPORATION) 19 October 2005 (2005-10-19) entire document	1-17
A	CN 107046451 A (RUIJIE NETWORK CO., LTD.) 15 August 2017 (2017-08-15) entire document	1-17
A	US 2010002792 A1 (KONINKL PHILIPS ELECTRONICS NV) 07 January 2010 (2010-01-07) entire document	1-17
A	WO 2015126096 A1 (SAMSUNG ELECTRONICS CO., LTD.) 27 August 2015 (2015-08-27) entire document	1-17

 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

15 October 2018

Date of mailing of the international search report

09 November 2018

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INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.

PCT/CN2018/104812

Patent document cited in search report			Publication date (day/month/year)	Patent family member(s)			Publication date (day/month/year)
CN	1582433	A	16 February 2005	JP	2005508595	A	31 March 2005
				KR	20050039726	A	29 April 2005
				US	2003091098	A1	15 May 2003
				WO	03040920	A1	15 May 2003
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				EP	1442373	A1	04 August 2004
				CA	2465381	A1	15 May 2003
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				JP	2006501724	A	12 January 2006
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				MX	PA05003147	A	08 June 2005
				KR	20050059208	A	17 June 2005
				WO	2004030224	A1	08 April 2004
				RU	2005112722	A	20 September 2005
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				CN	107046451	A	15 August 2017
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				JP	2010516151	A	13 May 2010
				KR	20090109537	A	20 October 2009
				EP	2122833	A2	25 November 2009
				CN	101584121	A	18 November 2009
WO	2015126096	A1	27 August 2015	US	2015244398	A1	27 August 2015