

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/CN2016/113236

## A. CLASSIFICATION OF SUBJECT MATTER

H04W 52/36 (2009.01) 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)

H04W; H04Q; 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)

CNPAT, WPI, EPODOC, CNKI, GOOGLE: 信道, 接入, 扩频码, 干扰, 最小, 减少, 候选, channel, access, spreading code, interference, minimum, reduce, eliminate, candidate

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CN 101803432 A (QUALCOMM INCORPORATED) 11 August 2010 (11.08.2010), description, paragraphs [0165]-[0182], and figures 1, 2, 13 and 14	1, 6
A	CN 104754702 A (HUAWEI TECHNOLOGIES CO., LTD.) 01 July 2015 (01.07.2015), entire document	1-10
A	CN 103190104 A (ALCATEL LUCENT, INC.) 03 July 2013 (03.07.2013), entire document	1-10
A	US 2007253388 A1 (INTERDIGITAL TECHNOLOGY CORPORATION) 01 November 2007 (01.11.2007), entire document	1-10
A	US 8817735 B1 (SPRINT SPECTRUM L. P.) 26 August 2014 (26.08.2014), entire document	1-10

Further documents are listed in the continuation of Box C.

See patent family annex.

<p>* Special categories of cited documents:</p> <p>“A” document defining the general state of the art which is not considered to be of particular relevance</p> <p>“E” earlier application or patent but published on or after the international filing date</p> <p>“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)</p> <p>“O” document referring to an oral disclosure, use, exhibition or other means</p> <p>“P” document published prior to the international filing date but later than the priority date claimed</p>	<p>“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</p> <p>“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</p> <p>“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</p> <p>“&amp;” document member of the same patent family</p>
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23 August 2017

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27 September 2017

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**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No.  
PCT/CN2016/113236

Patent Documents referred in the Report	Publication Date	Patent Family	Publication Date
CN 101803432 A	11 August 2010	TW 200932002 A	16 July 2009
		CN 103298095 A	11 September 2013
		AU 2008302062 B2	13 October 2011
		US 9374791 B2	21 June 2016
		SG 187390 A1	28 February 2013
		CA 2699019 A1	26 March 2009
		KR 20120038980 A	24 April 2012
		RU 2012104821 A	20 August 2013
		KR 20100072279 A	30 June 2010
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		US 9344973 B2	17 May 2016
		RU 2511222 C2	10 April 2014
		EP 2201806 A2	30 June 2010
		WO 2009039443 A2	26 March 2009
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		KR 101173750 B1	13 August 2012
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Patent Documents referred in the Report	Publication Date	Patent Family	Publication Date
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CN 103190104 A	03 July 2013	WO 2012059214 A2	10 May 2012
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		US 7903614 B2	08 March 2011
		US 2013272270 A1	17 October 2013
		US 2012026904 A1	02 February 2012
		US 8462738 B2	11 June 2013
		WO 2007127388 A2	08 November 2007
		WO 2007127388 A3	21 December 2007
		TW 200746770 A	16 December 2007
US 8817735 B1	26 August 2014	None	