

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CN2017/095099

A. CLASSIFICATION OF SUBJECT MATTER

H04W 72/12 (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)

EPODOC, WPI, CNKI, CNPAT: 锚定, 固定, 信道, 低频, 频点, 最低, 最高, 边缘, 广播信号, 同步信号, 载波, 功率, 功率增强, 带宽, anchor channel, lowest, highest, frequency w point, broadcasting w signal, synchronous signal, power w boost+, RB, bandwidth

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CN 101808411 A (ZTE CORPORATION) 18 August 2010 (18.08.2010), description, paragraphs [0121]-[0132]	1-35
A	CN 104541459 A (LG ELECTRONICS INC.) 22 April 2015 (22.04.2015), entire document	1-35
A	CN 102308625 A (SWEDEN TELEFONAKTIEBOLAGET LM ERICSSON) 04 January 2012 (04.01.2012), entire document	1-35
A	WO 2010091421 A1 (QUALCOMM INCORPORATED) 12 August 2010 (12.08.2010), entire document	1-35

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>“&”document member of the same patent family</p>
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Date of the actual completion of the international search 29 March 2018	Date of mailing of the international search report 27 April 2018
Name and mailing address of the ISA State Intellectual Property Office of the P. R. China No. 6, Xitucheng Road, Jimenqiao Haidian District, Beijing 100088, China Facsimile No. (86-10) 62019451	Authorized officer WANG, Mengsi Telephone No. (86-10) 53961642

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/CN2017/095099

Patent Documents referred in the Report	Publication Date	Patent Family	Publication Date
CN 101808411 A	18 August 2010	CN 103178948 A	26 June 2013
CN 104541459 A	22 April 2015	KR 20140146593 A	26 December 2014
		EP 2852074 A1	25 March 2015
		JP 2015523771 A	13 August 2015
		WO 2013172585 A1	21 November 2013
		US 2015071203 A1	12 March 2015
CN 102308625 A	04 January 2012	WO 2010088930 A2	12 August 2010
		KR 20110126651 A	23 November 2011
		US 2012115468 A1	10 May 2012
		RU 2011136630 A	10 March 2013
		EP 2394462 A2	14 December 2011
WO 2010091421 A1	12 August 2010	WO 2010091417 A1	12 August 2010
		CN 102308641 A	04 January 2012
		JP 2012517742 A	02 August 2012
		EP 2394471 A1	14 December 2011
		CN 102308544 A	04 January 2012
		KR 20110124302 A	16 November 2011
		KR 20110125244 A	18 November 2011
		TW 201130348 A	01 September 2011
		TW 201136398 A	16 October 2011
		EP 2394406 A1	14 December 2011
		JP 2012517743 A	02 August 2012
		US 2010202394 A1	12 August 2010
		US 2010202392 A1	12 August 2010