

INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN2017/104131

A. CLASSIFICATION OF SUBJECT MATTER

H04W 28/06(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, H04Q7/-; H04B, 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)

WPI, EPODOC, CNKI, CNPAT, 3GPP: GPS, 变更, 指示, 更新, 定位, SIB, 标签, position, update, locating, location, change, update, positioning, tag

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
,Y	CN 101827395 A (CHINA MOBILE COMMUNICATIONS CORP.) 08 September 2010 (2010-09-08) description, paragraphs [0003]-[0008]	1-24
Y	CN 1457563 A (MOTOROLA INC.) 19 November 2003 (2003-11-19) description, page 3, line 14 to page 6, line 6	1-24
A	CN 103874009 A (ZTE CORPORATION) 18 June 2014 (2014-06-18) entire document	1-24
A	US 2006046748 A1 (SHINOZAKI, A.) 02 March 2006 (2006-03-02) entire document	1-24

 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

01 June 2018

Date of mailing of the international search report

20 June 2018

Name and mailing address of the ISA/CN

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INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.

PCT/CN2017/104131

Patent document cited in search report			Publication date (day/month/year)	Patent family member(s)	Publication date (day/month/year)
CN	101827395	A	08 September 2010	None	
CN	1457563	A	19 November 2003	CN 1680825 A	12 October 2005
				EP 1362437 A1	19 November 2003
				JP 2004519892 A	02 July 2004
				WO 02067462 A1	29 August 2002
				US 2002168985 A1	14 November 2002
				KR 20020089477 A	29 November 2002
CN	103874009	A	18 June 2014	None	
US	2006046748	A1	02 March 2006	JP 2006067447 A	09 March 2006
				EP 1631095 A1	01 March 2006
				US 2009233599 A1	17 September 2009
				DE 602004022664 D1	01 October 2009
				JP 2009260989 A	05 November 2009
				US 2006046748 A1	02 March 2006