

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/CN2017/104915

## A. CLASSIFICATION OF SUBJECT MATTER

H04W 36/14 (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

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, CNKI, WPI, EPODOC: 语音, 话音, 电路, 回退, 回落, 失败, 响应, 重定向, 小区, voice, circuit, back, failure, response, redirect, cell

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
E	CN 108064458 A (SHENZHEN YUNZHONGFEI NETWORK TECHNOLOGY CO., LTD.) 22 May 2018 (22.05.2018), claims 1-14	1-14
X	CN 106489282 A (APPLE INC.) 08 March 2017 (08.03.2017), description, paragraphs [0126]-[0194]	1-14
X	CN 105338583 A (SPREADTRUM COMMUNICATIONS (SHANGHAI) CO., LTD.) 17 February 2016 (17.02.2016), description, paragraphs [0041]-[0115]	1-14
X	CN 105451285 A (SPREADTRUM COMMUNICATIONS (SHANGHAI) CO., LTD.) 30 March 2016 (30.03.2016), description, paragraphs [0049]-[0115]	1-14
A	US 2014177592 A1 (TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)) 26 June 2014 (26.06.2014), entire document	1-14

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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Date of the actual completion of the international search

31 May 2018

Date of mailing of the international search report

27 June 2018

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

International application No.  
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Patent Documents referred in the Report	Publication Date	Patent Family	Publication Date
CN 108064458 A	22 May 2018	None	
CN 106489282 A	08 March 2017	US 2016007240 A1	07 January 2016
		TW 201616891 A	01 May 2016
		DE 112015003181 T5	30 March 2017
		WO 2016007420 A1	14 January 2016
CN 105338583 A	17 February 2016	None	
CN 105451285 A	30 March 2016	None	
US 2014177592 A1	26 June 2014	EP 2753140 A2	09 July 2014