

INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN2016/072620

A. CLASSIFICATION OF SUBJECT MATTER

H04M 1/60 (2006.01) i; H04M 1/725 (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)

H04M; H04Q; H04W; H04L; G06F

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: environment, provider, voice, sound, threshold, value, higher, larger, smaller, less, silen+, manufacturer

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	CN 1625277 A (SHANGHAI DBTEL INDUSTRY CO., LTD.), 08 June 2005 (08.06.2005), abstract, and description, pages 3-5	1-2
Y	CN 104468938 A (CHINA MOBILE GROUP ZHEJIANG LIMITED COMPANY), 25 March 2015 (25.03.2015), abstract, and description, paragraphs [0089]-[0119]	1-2
Y	CN 104023144 A (THUNDER SOFTWARE TECHNOLOGY CO., LTD.), 03 September 2014 (03.09.2014), abstract, and description, paragraphs [0029]-[0055]	1-2
Y	CN 102843455 A (GUANG DONG OPPO MOBILE TELECOMMUNICATIONS CO., LTD.), 26 December 2012 (26.12.2012), abstract, and description, paragraphs [0013]-[0034]	1-2
Y	CN 102883070 A (SHANGHAI HUAQIN TELECOM TECHNOLOGY CO., LTD.), 16 January 2013 (16.01.2013), abstract, and description, paragraphs [0065]-[0106]	1-2
Y	CN 104503892 A (YULONG COMPUTER TELECOMMUNICATION SCIENTIFIC (SHENZHEN) CO., LTD.), 08 April 2015 (08.04.2015), abstract, and claim 1	1-2
A	CN 103903606 A (BEIJING ZHIGU RUITUO TECHNOLOGY SERVICE CO., LTD.), 02 July 2014 (02.07.2014), the whole document	1-2

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</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
17 May 2016 (17.05.2016)

Date of mailing of the international search report
28 June 2016 (28.06.2016)

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INTERNATIONAL SEARCH REPORT
Information on patent family members

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PCT/CN2016/072620

Patent Documents referred in the Report	Publication Date	Patent Family	Publication Date
CN 1625277 A	08 June 2005	None	
CN 104468938 A	25 March 2015	None	
CN 104023144 A	03 September 2014	None	
CN 102843455 A	26 December 2012	None	
CN 102883070 A	16 January 2013	None	
CN 104503892 A	08 April 2015	None	
CN 103903606 A	02 July 2014	WO 2015135363 A1	17 September 2015