

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN2018/102796

**A. CLASSIFICATION OF SUBJECT MATTER**

H04M 1/725(2006.01)i; G06K 9/00(2006.01)i; G06F 21/32(2013.01)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; G06K; 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)

CNKI; USTXT; CPRSABS; EPTXT; CNTXT; CNABS; WOTXT; VEN: 来电, 被叫, 呼入, 响应, 事件, 轨迹, 指纹, 特征点, incoming, called, call+, respons+, answer, event, track?, gesture?, fingerprint, charact+, feature, point

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
PX	CN 107517317 A (HUIZHOU TCL MOBILE COMMUNICATION CO., LTD.) 26 December 2017 (2017-12-26) description, paragraphs [0021]-[0044]	1-20
Y	CN 106850988 A (GUANG DONG OPPO MOBILE TELECOMMUNICATIONS CO., LTD.) 13 June 2017 (2017-06-13) description, paragraphs [0027]-[0100] and [0118], and figures 1-8	1-20
Y	CN 106599665 A (GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI) 26 April 2017 (2017-04-26) description, paragraphs [0041]-[0092], and figures 1-4	1-20
A	WO 2016121876 A1 (KYOCERA CORP.) 04 August 2016 (2016-08-04) entire document	1-20
A	US 6954553 B2 (FUJITSU LTD.) 11 October 2005 (2005-10-11) entire document	1-20

 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

“&amp;” document member of the same patent family

Date of the actual completion of the international search

12 November 2018

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19 November 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/CN2018/102796**

Patent document cited in search report			Publication date (day/month/year)	Patent family member(s)			Publication date (day/month/year)
CN	107517317	A	26 December 2017	None			
CN	106850988	A	13 June 2017	None			
CN	106599665	A	26 April 2017	WO	2018107761	A1	21 June 2018
WO	2016121876	A1	04 August 2016	US	2018007192	A1	04 January 2018
				JP	2016143069	A	08 August 2016
US	6954553	B2	11 October 2005	JP	4405656	B2	27 January 2010
				US	2002048390	A1	25 April 2002
				JP	2002133416	A	10 May 2002
				JP	4617391	B2	26 January 2011
				JP	2010049694	A	04 March 2010