

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN2019/105423

| <b>A. CLASSIFICATION OF SUBJECT MATTER</b>   |  |   |
|--|--|---|
| G06F 1/16(2006.01)i; G06F 11/16(2006.01)i  |  |   |
| According to International Patent Classification (IPC) or to both national classification and IPC  |  |   |
| <b>B. FIELDS SEARCHED</b>  |  |   |
| Minimum documentation searched (classification system followed by classification symbols)<br>G06F H04M   |  |   |
| 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)<br>CNPAT, CNKI, WPI, EPODOC: 参数, 参考, 校准, 校正, 矫正, 矫准, 纠正, 滑动, 阈值, 摄像头, 摄像, 占比, 自动, 霍尔, 屏幕, 差, 比较, parameter, reference, correct+, adjust+, calibrate, slid+, glid+, camera, screen, hall, automati+  |  |   |
| <b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>  |  |   |
| Category*  | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No.   |
| PX   | CN 109542174 A (GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.) 29 March 2019 (2019-03-29)<br>claims 1-10, description, paragraphs [0027]-[0088], and figures 1-13 | 1-16  |
| A  | CN 108900663 A (GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.) 27 November 2018 (2018-11-27)<br>description, paragraphs [0035]-[0106], and figures 1-6            | 1-16  |
| A  | CN 108848224 A (VIVO MOBILE COMMUNICATION CO., LTD.) 20 November 2018 (2018-11-20)<br>entire document  | 1-16  |
| A  | US 2017237884 A1 (ESSENTIAL PRODUCTS, INC.) 17 August 2017 (2017-08-17)<br>entire document   | 1-16  |
| <input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.   |  |   |
| * Special categories of cited documents:<br>"A" document defining the general state of the art which is not considered to be of particular relevance<br>"E" earlier application or patent but published on or after the international filing date<br>"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)<br>"O" document referring to an oral disclosure, use, exhibition or other means<br>"P" document published prior to the international filing date but later than the priority date claimed<br>"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<br>"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<br>"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<br>"&" document member of the same patent family |  |   |
| Date of the actual completion of the international search<br><b>13 November 2019</b>   |  | Date of mailing of the international search report<br><b>29 November 2019</b> |
| Name and mailing address of the ISA/CN<br><b>China National Intellectual Property Administration (ISA/CN)<br/>No. 6, Xitucheng Road, Jimenqiao Haidian District, Beijing<br/>100088<br/>China</b>  |  | Authorized officer  |
| Facsimile No. (86-10)62019451  |  | Telephone No.   |

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

International application No.

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| Patent document<br>cited in search report | Publication date<br>(day/month/year) | Patent family member(s) | Publication date<br>(day/month/year) |
|---|--------------------------------------|-------------------------|--------------------------------------|
| CN 109542174 A                            | 29 March 2019                        | None                    |                                      |
| CN 108900663 A                            | 27 November 2018                     | None                    |                                      |
| CN 108848224 A                            | 20 November 2018                     | None                    |                                      |
| US 2017237884 A1                          | 17 August 2017                       | US 2017126979 A1        | 04 May 2017                          |
|   |                                      | WO 2017075099 A1        | 04 May 2017                          |
|   |                                      | TW 201719265 A          | 01 June 2017                         |
|   |                                      | DE 112016004988 T5      | 19 July 2018                         |
|   |                                      | US 9736383 B2           | 15 August 2017                       |
|   |                                      | US 10070030 B2          | 04 September 2018                    |