

# INTERNATIONAL SEARCH REPORT

International application No.

**PCT/CN2016/087490**

## A. CLASSIFICATION OF SUBJECT MATTER

H04N 5/232 (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)

H04N

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: XIAOMI, photography, camera shooting, obstacle, image, prompt, optical parameter, track, camera, finger, hand, lens, blind, shield, colour, brightness, area, region, notify+, motion, fingerprint, diffract+

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	CN 102970477 A (SAMSUNG ELECTRONICS CO., LTD.), 13 March 2013 (13.03.2013), description, paragraphs [0098]-[0102] and [0136]	1-13
Y	US 2004012682 A1 (MINOLTA CO., LTD.), 22 January 2004 (22.01.2004), description, paragraphs [0072]-[0094], and figures 6A and 9	1-13
PX	CN 105491289 A (XIAOMI TECHNOLOGY CO., LTD.), 13 April 2016 (13.04.2016), claims 1-13	1-13
A	CN 103139547 A (KUNSHAN NUPT INTELLIGENT TECHNOLOGY CO., LTD.), 05 June 2013 (05.06.2013), the whole document	1-13
A	CN 102111532 A (ZHOU, Yubin), 29 June 2011 (29.06.2011), the whole document	1-13
A	CN 102156380 A (CASIO COMPUTER CO., LTD.), 17 August 2011 (17.08.2011), the whole document	1-13

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  
05 August 2016 (05.08.2016)

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**25 August 2016 (25.08.2016)**

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

International application No.  
**PCT/CN2016/087490**

Patent Documents referred in the Report	Publication Date	Patent Family	Publication Date
CN 102970477 A	13 March 2013	US 2013050556 A1	28 February 2013
		KR 20130023787 A	08 March 2013
US 2004012682 A1	22 January 2004	JP 2004040712 A	05 February 2004
CN 105491289 A	13 April 2016	None	
CN 103139547 A	05 June 2013	None	
CN 102111532 A	29 June 2011	None	
CN 102156380 A	17 August 2011	US 2011187886 A1	04 August 2011
		JP 2011182387 A	15 September 2011