

INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN2016/072302

A. CLASSIFICATION OF SUBJECT MATTER

H04N 5/232 (2006.01) i; G03B 13/32 (2006.01) i; G02B 7/04 (2006.01) i

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

H04N 5/+; G03B; G02B

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)

CNABS; CNTXT; VEN: micro 1w len?, array, first, second

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
PX	CN 105093472 A (HUAWEI TECHNOLOGIES CO., LTD.) 25 November 2015 (25.11.2015) claims 1-16	1-16
A	US 2005128308 A1 (BODENSEEWERK GERAETETECH) 16 June 2005 (16.06.2005) description, paragraphs [0025]-[0038] and figures 1-5	1-16
A	CN 101500085 A (SONY CORPORATION) 05 August 2009 (05.08.2009) the whole document	1-16
A	CN 104580869 A (HUAWEI TECHNOLOGIES CO., LTD.) 29 April 2015 (29.04.2015) the whole document	1-16
A	CN 101656835 A (SONY CORPORATION) 24 February 2010 (24.02.2010) the whole document	1-16
A	JP 2013145980 A (CANON KK) 25 July 2013 (25.07.2013) the whole document	1-16

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>“&” document member of the same patent family</p>
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<p>Date of the actual completion of the international search</p> <p style="text-align: center;">12 May 2016</p>	<p>Date of mailing of the international search report</p> <p style="text-align: center;">26 May 2016</p>
<p>Name and mailing address of the ISA</p> <p>State Intellectual Property Office of the P. R. China</p> <p>No. 6, Xitucheng Road, Jimenqiao</p> <p>Haidian District, Beijing 100088, China</p> <p>Facsimile No. (86-10) 62019451</p>	<p>Authorized officer</p> <p style="text-align: center;">ZHU, Yachen</p> <p>Telephone No. (86-10) 62085856</p>

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/CN2016/072302

Patent Documents referred in the Report	Publication Date	Patent Family	Publication Date
CN 105093472 A	25 November 2015	None	
US 2005128308 A1	16 June 2005	US 7787016 B2	31 August 2010
		DE 502004001467 D1	26 October 2006
		EP 1538472 B1	13 September 2006
		EP 1538472 A1	08 June 2005
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		US 2009190022 A1	30 July 2009
		JP 4483951 B2	16 June 2010
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		JP 4538766 B2	08 September 2010
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		JP 2010050707 A	04 March 2010
		US 8502911 B2	06 August 2013
		EP 2157801 A3	30 June 2010
		EP 2157801 A2	24 February 2010
JP 2013145980 A	25 July 2013	None	