

INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN2019/102907

| A. CLASSIFICATION OF SUBJECT MATTER | | |
|--|---|--|
| H04N 21/44(2011.01)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, EPODOC, WPI, IEEE; OPPO, 彭德良, 基于, 根据, 判断, 依据, 通过, 按照, 视频, 媒体, 影像, 类型, 类别, 格式, 属性, 内容, 分类, 特征, 参数, 增强, 亮度, 对比度, 清晰度, 锐度, 色度, 色彩, 饱和度, 调整, 调节, 校正, 修正, 提高, 设置, 控制, 个性化, 匹配, 相同, 对应, 一致, 比较, 比对, video, media, program, image, multimedia, type?, style?, genre?, classification?, categor+, enhanc+, luminance, light, lightness, brightness, brilliance, contrast, articulation, clarity, definition, resolution, acutance, colour, hue, tint, regulat+, adjust+, modif+, correct+, compensat+, accommodat+, increas+, play+, display | | |
| C. DOCUMENTS CONSIDERED TO BE RELEVANT | | |
| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| PX | CN 109640169 A (OPPO GUANGDONG MOBILE COMMUNICATION CO., LTD.) 16 April 2019 (2019-04-16) claims 1-13, and description, paragraphs 0034-0107 | 1-20 |
| Y | CN 101521739 A (TOSHIBA CORPORATION) 02 September 2009 (2009-09-02) claims 1-4, and description, pages 5-8 | 1-20 |
| Y | CN 105898364 A (BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.) 24 August 2016 (2016-08-24) description, paragraphs 0063-0080, and figures 1-9 | 1-20 |
| Y | CN 105893927 A (LETV CLOUD COMPUTING CO., LTD.) 24 August 2016 (2016-08-24) description, paragraphs 0021-0064 | 2-8, 12-16, 19-20 |
| A | CN 103106886 A (TOP VICTORY INTERNATIONAL LIMITED) 15 May 2013 (2013-05-15) entire document | 1-20 |
| <input checked="" 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: "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 "&" document member of the same patent family | | |
| Date of the actual completion of the international search | | Date of mailing of the international search report |
| 29 October 2019 | | 27 November 2019 |
| Name and mailing address of the ISA/CN | | Authorized officer |
| China National Intellectual Property Administration No. 6, Xitucheng Road, Jimenqiao Haidian District, Beijing 100088 China | | |
| Facsimile No. (86-10)62019451 | | Telephone No. |

INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN2019/102907

| C. DOCUMENTS CONSIDERED TO BE RELEVANT | | |
|--|--|-----------------------|
| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| A | CN 105744118 A (ARCVIDEO TECHNOLOGIES CO., LTD.) 06 July 2016 (2016-07-06) entire document | 1-20 |
| A | CN 107241590 A (BENQ CO., LTD. et al.) 10 October 2017 (2017-10-10) entire document | 1-20 |
| A | CN 104202604 A (TENCENT TECHNOLOGY SHENZHEN CO., LTD.) 10 December 2014 (2014-12-10) entire document | 1-20 |
| A | US 2006072669 A1 (MICROSOFT CORPORATION) 06 April 2006 (2006-04-06) entire document | 1-20 |

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.

PCT/CN2019/102907

| Patent document cited in search report | | | Publication date (day/month/year) | Patent family member(s) | | | Publication date (day/month/year) |
|--|------------|----|-----------------------------------|-------------------------|------------|----|-----------------------------------|
| CN | 109640169 | A | 16 April 2019 | None | | | |
| CN | 101521739 | A | 02 September 2009 | JP | 2009206613 | A | 10 September 2009 |
| | | | | US | 2009213272 | A1 | 27 August 2009 |
| CN | 105898364 | A | 24 August 2016 | None | | | |
| CN | 105893927 | A | 24 August 2016 | WO | 2017101347 | A1 | 22 June 2017 |
| | | | | US | 2017180752 | A1 | 22 June 2017 |
| CN | 103106886 | A | 15 May 2013 | None | | | |
| CN | 105744118 | A | 06 July 2016 | None | | | |
| CN | 107241590 | A | 10 October 2017 | None | | | |
| CN | 104202604 | A | 10 December 2014 | WO | 2016023526 | A1 | 18 February 2016 |
| | | | | US | 2017127063 | A1 | 04 May 2017 |
| US | 2006072669 | A1 | 06 April 2006 | None | | | 26 October 2010 |