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(54) Title: AN APPARATUS, METHOD AND COMPUTER PROGRAM FOR DETERMINING A STATUS OF PIXELS IN AN IMAGE SENSOR

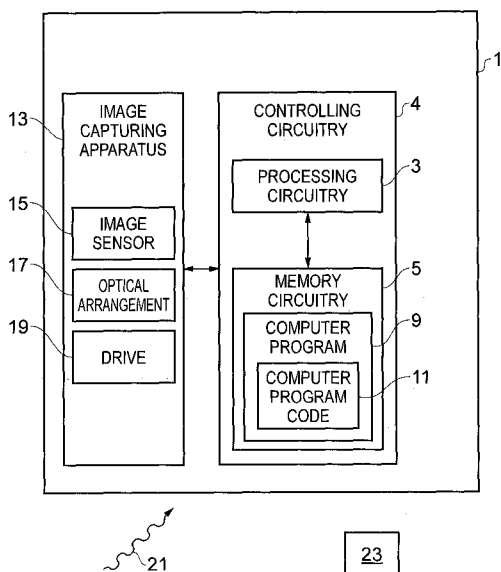


FIG. 1

(57) Abstract: An apparatus, method and computer program wherein the apparatus comprises: processing circuitry; and memory circuitry including computer program code; the memory circuitry and the computer program code configured to, with the processing circuitry, cause the apparatus at least to perform: causing an optical arrangement to be configured in an over infinity configuration; obtaining image data from an image sensor while the optical arrangement is in the over infinity configuration wherein the image sensor comprises a plurality of pixels; and analysing the obtained image data to determine a status of a plurality of pixels of the image sensor.



INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

See extra sheet

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)

IPC: H04N, G06T, H01L, G02B, G03B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

FI, SE, NO, DK

Electronic data base consulted during the international search (name of data base, and, where practicable, search terms used)

EPO-Internal, WPI, INSPEC, XPAIP, XPESP, XPESP2, XPETSI, XPI3E, XPIEE, XPIETF, XPIOP, XPIPCOM, XPJPEG, XPOAC, XPRD, Internet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2011086227 A1 (NOKIA CORP [FI]) 21 July 2011 (21.07.2011) abstract; p. 5 ll. 7-14, p. 7 ll. 8-12, p. 8 ll. 1-15, p. 10 l. 32- p. 11 l. 3, p. 13 ll. 22-31, p. 14 ll. 1-12, p. 16 ll. 22-25; Figs. 1-2	1-20
X	EP 0986249 A2 (SHARP KK [JP]) 15 March 2000 (15.03.2000) abstract; paragraphs [0010]-[0012], [0062]-[0063], [0065]-[0073], [0076]-[0078], [0095]-[0102], [0116]; Fig. 4	1-20
A	US 2010110270 A1 (SEKIMOTO YOSHIHIRO [JP] et al.) 06 May 2010 (06.05.2010) abstract; paragraphs [0067]-[0068], [0078]-[0080], [0224]-[0226]	1-20
A	US 2010315537 A1 (ABE TAKASHI [JP]) 16 December 2010 (16.12.2010) abstract; paragraphs [0016], [0021], [0093]-[0097]	1-20

 Further documents are listed in the continuation of Box C.
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"O" document referring to an oral disclosure, use, exhibition or other means	
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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	Tamron SP AF 90mm F/2.8 (Model 272E). Datasheet [online]. [archieved on 2013-08-10] [retrieved on 2014-09-30] Retrieved from the Internet: <URL: https://web.archive.org/web/20130810074022/http://www.tamron-usa.com/assets/pdfs/272E.pdf > the whole document, in particular page 6	1-20

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IPC
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INTERNATIONAL SEARCH REPORT
Information on Patent Family Members

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Patent document cited in search report	Publication date	Patent family members(s)	Publication date
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