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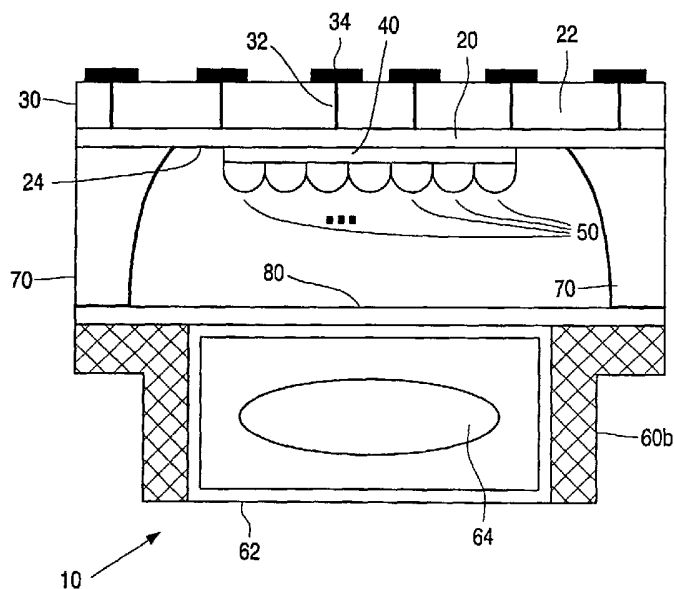
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(54) Title: ELECTRONIC IMAGING DEVICE



(57) Abstract: An electronic imaging device (10) comprises a base layer (20) containing electrical functional circuitry, the base layer (20) having a first side (22) for interconnection of the circuitry and a second side (24) which serves as a photo-detection side. The second side (24) has exposed photosensitive electrical elements arranged in the base layer (20). Spacer means of a predetermined height are provided adjacent to said second side (24). This spacer means can advantageously be used for gaining control over the tolerance of a desired distance between a lens of a lens system and said photo-detection side. Thus, individual focusing of the lens system of each imager device after completion of production is no longer needed. Moreover, in one embodiment of the present invention an air gap that improves the performance of micro-lenses is formed.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01L27/146

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)
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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 practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 254 868 A (SAITO YUTAKA) 19 October 1993 (1993-10-19)	1-3, 8, 11-13, 15, 16
A	column 2, line 37 -column 6, line 10; figures 1-14E	7, 9, 10, 14
P, A	EP 1 215 729 A (CANON KK) 19 June 2002 (2002-06-19) the whole document	7, 9, 10, 14
A	EP 1 207 560 A (CANON KK) 22 May 2002 (2002-05-22) the whole document	1, 4-6
E	EP 1 326 278 A (XEROX CORP) 9 July 2003 (2003-07-09) the whole document	1-3, 7-11, 13, 17



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Patent family members are listed in annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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