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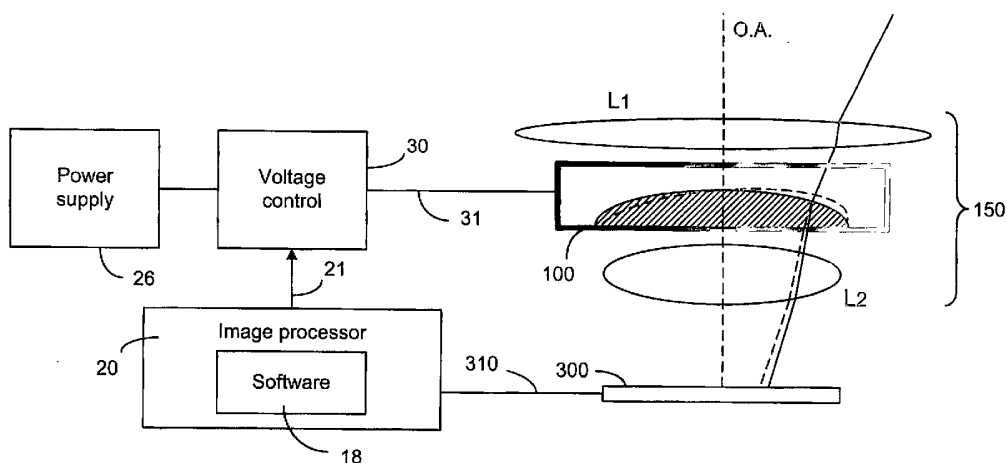
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(54) Title: METHOD AND DEVICE FOR LATERAL ADJUSTMENT OF IMAGE



(57) Abstract: A liquid lens, according to the electrowetting principle, is used in an imaging system to affect the optical axis of the imaging system. In particular, a seal compartment having a first side and an opposing second side is used to dispose a liquid lens on the first side. A plurality of electrode areas are disposed adjacent to the first side and a common electrode is disposed adjacent to the second side. In order to compensate for undesirable image shifting due to hand motion, different voltage levels are applied to the plurality of electrode areas so that the electric field applied on the liquid lens is non-uniform, causing deformation of the liquid lens. The voltage levels are determined such that the shift in the optical axis due to the deformation of the liquid lens substantially cancels out the motion-induced image shift.

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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB04/00781

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G21K 5/10; H01J 3/14; H01L 27/00
 US CL : 250/216,208.100

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)
 U.S. : 250/216,208.100,201.100,201.200,216; 359/666

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
 NONE

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4,802,746 A (BABA et al.) 07 February 1989 (07.02.1989), see entire document.	1-4,9-12,16
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Y		5-8,13-15
Y	US 6,369,954 B1 (BERGE et al.) 09 April 2002 (09.04.2002), see entire document.	5-8,13-15

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:	"T"
"A" document defining the general state of the art which is not considered to be of particular relevance	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
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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
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Continuation of B. FIELDS SEARCHED Item 3:

USPGPUB, USPAT, EPO, JPO, DERWENT search notes: (liquid) near5 lens\$2, electric near5 field, (imag\$5 or shift\$5) near5 (compensat\$5 or stabiliz\$6), 2 and 3, 4 and 5, 1 and 6, 8 and 6