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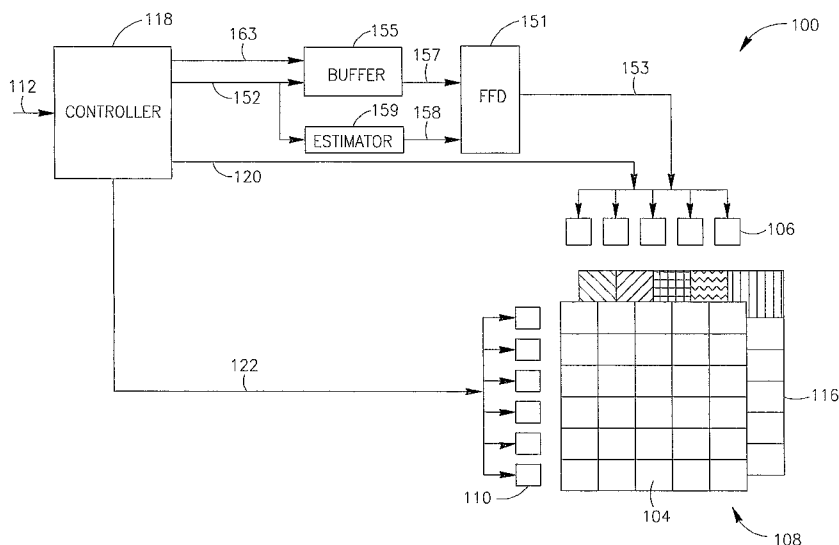
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(54) Title: METHOD, DEVICE AND SYSTEM OF RESPONSE TIME COMPENSATION



(57) Abstract: Embodiments of the present invention provide an apparatus, system, and method of reproducing a sequence of at least first and second color image frames by controllably activating an array of liquid crystal elements, the array including at least a first liquid crystal element to reproduce first and second sub-pixel values in the first and second frames, respectively. Some demonstrative embodiments may include estimating the first sub-pixel value based on a third sub-pixel value to be reproduced in the second frame by a second liquid crystal element of the array which is shifted in relation to the first liquid crystal element by a location shift value associated with the first liquid crystal element; and generating an overdrive signal for activating the first liquid crystal element based on a combination of the first and second sub-pixel values. Other embodiments are described and claimed.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL05/00624

A. CLASSIFICATION OF SUBJECT MATTER

IPC: G09G 3/36(2006.01)

USPC: 345/87-104

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. : 345/87-104

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/0038764 A1(OEHLBECK et al) 27 February 2003, Figure 1-3; Paragraph 0034-0059.	1-16

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:

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"O"	document referring to an oral disclosure, use, exhibition or other means	"&"	document member of the same patent family
"P"	document published prior to the international filing date but later than the priority date claimed		

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