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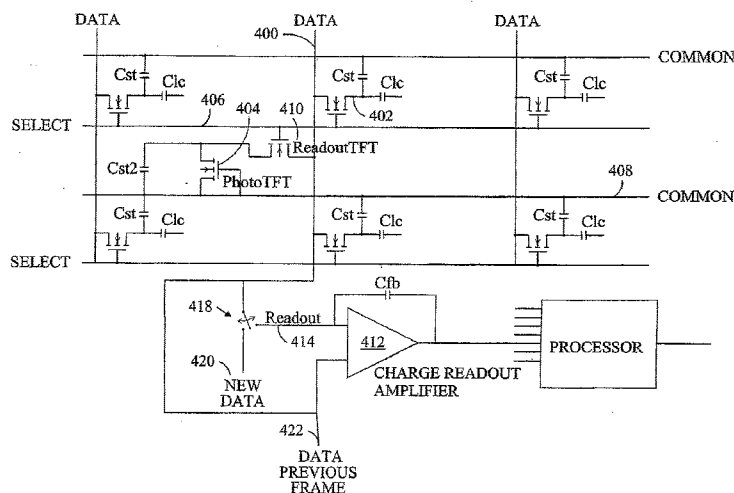
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(54) Title: INTEGRATED LIGHT SENSITIVE LIQUID CRYSTAL DISPLAY



(57) Abstract: A liquid crystal device including a front electrode layer (63), rear electrode layer (61), a liquid crystal material (64) located between the front electrode layer and the rear electrode layer. A polarizer (60) is located between the liquid crystal material (64) and the front electrode layer (63) and changing an electrical potential between the rear electrode layer and the front electrode layer modifies portions of the liquid crystal material to change the polarization of the light incident thereon. A plurality of light sensitive elements are located together with the rear electrode layer and a processor determines the position of at least one of the plurality of light sensitive elements that has been inhibited from sensing ambient light.

WO 2007/058924 A3



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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# INTERNATIONAL SEARCH REPORT

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## A. CLASSIFICATION OF SUBJECT MATTER

IPC: **G09G 3/36,5/00,5/10**

USPC: 345/87,89,101,102,690,204

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. : 345/87,89,101,102,690,204

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)

US-PGPUB, USPAT, JPO, EPO, DERWENT, IMB\_TDB, USOCR, FBRF

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P	US 7,109,465 B2 (KOK et al.) 19 September 2006 (19.09.2006), the whole document.	1-16
A	US 6,888,528 B2 (RAI et al.) 03 May, 2005 (03.05.05), the whole document.	1-16
A	US 6,862,022 B2 (SLUPE) 01 March 2005 (01.03.05), the whole document.	1-16



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