



DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	US 5 854 616 A (OTA ET AL) 29 December 1998 (1998-12-29) * column 10, lines 44,45 * * column 7, lines 33-38 * * column 8, lines 50-54; figures 1,6,7 * -----	1-10	G09G3/36
X	WO 97/25706 A (THOMSON-LCD; MAURICE, FRANCOIS; SANSON, ERIC; MOUREY, BRUNO; LEBRUN, H) 17 July 1997 (1997-07-17) * page 6, lines 26-33; figures 3,4 * -----	1-10	
A	KIMURA M ET AL: "30.5L: Late-News Paper: An Advanced 23-inch In-Plane-Switching Mode TFT LCD with H1920 x V1200 Pixels" SID DIGEST, vol. XXXI, May 2000 (2000-05), page 468, XP007007420 * the whole document * -----	1-10	
A	HUANG H C ET AL: "18.1: On the Minimization of Flicker and Image Retention in Silicon Light Valves" SID DIGEST, vol. XXXI, May 2000 (2000-05), page 248, XP007007371 * the whole document * -----	1-10	TECHNICAL FIELDS SEARCHED (Int.Cl.7) G09G
2	The supplementary search report has been based on the last set of claims valid and available at the start of the search.		
EPO FORM 1503 03-82 (P04C04)	Place of search	Date of completion of the search	Examiner
	Munich	25 May 2005	Kunze, H
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 01 27 3682

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on. The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

25-05-2005

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专利名称(译)	液晶显示装置		
公开(公告)号	EP1361475A4	公开(公告)日	2005-07-20
申请号	EP2001273682	申请日	2001-12-25
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IPC分类号	G09G3/36		
CPC分类号	G09G3/3648 G09G3/3614 G09G2300/0434 G09G2320/0204 G09G2320/0219 G09G2320/0247 G09G2330/026		
代理机构(译)	LING , 克里斯托弗·约翰		
优先权	2001028602 2001-02-05 JP		
其他公开文献	EP1361475A1		
外部链接	Espacenet		

摘要(译)

公开了一种液晶显示装置，其能够在制造液晶显示装置之后消除闪烁控制的必要性。本发明的液晶显示装置是IPS模式的液晶显示装置。在施加电力之后，像素电极和公共电极之间具有初始DC电压分量。可以想到该DC电压分量引起闪烁。如果在施加电力之后在预定时间段内DC电压分量自动减小到允许值或更小，则可以消除通过改变施加到像素中的电极的电位来进行闪烁控制的必要性。因此，液晶显示装置必须构成为使得初始DC电压分量设定得足够小并且电荷可以在液晶面板中高速传播。作为使初始DC电压分量小的技术，本发明采用馈通电压补偿驱动系统。优化相对基板的构造，以使相对基板中的电荷容易移动。

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of the content thereof	Relevant parts of claim	
X	US 5 854 616 A (OTA ET AL); 29 December 1998 (1998-12-29) * column 10, lines 44-45, * * column 11, lines 33-37, * * column 8, lines 50-54; figures 1,6,7, *	1-10	G09G3/36
X	WO 97/25701 A (THOMSON-LCD; MAURICE, FRANCOIS; SANSON, ERIC; MOUREY, BRUNO; LEBOVITZ, JEAN); 10 July 1997 (1997-07-10) * page 6, lines 26-33; figures 3,4, --	1-10	
A	KIMURA M ET AL: "30.5L Late-News Paper:An Advanced 23-inch In-Plane-Switching Mode TFT LCD with H1920 X 1200 pixels resolution", SID DIGEST, vol. XXXI, May 2000 (2000-05), page 468, XP0072007420 * the whole document, * --	1-10	
A	HUANG H C ET AL: "16.1: On the Minimization of Flicker and Image Persistence in Silicon Light Valves", SID DIGEST, vol. XXXI, May 2000 (2000-05), page 248, XP0072007421 * the whole document, * --	1-10	
			TECHNICAL FIELDS SEARCHED (INTL.CI.)
			G09G

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Patent number	Date of incorporation of the search	Examiner
Munich	25 May 2005	Kunze, H
CATEGORIES OF CITED DOCUMENTS		
<input checked="" type="checkbox"/> particularly relevant if taken alone <input checked="" type="checkbox"/> particularly relevant if combined with another document <input type="checkbox"/> document cited in the application <input type="checkbox"/> document cited in a reference <input type="checkbox"/> non-written document <input type="checkbox"/> computer program		
T: theory or principle underlying the invention E: earlier patent document, but published on, or after the priority date D: document cited in the application U: document cited in a reference A: document forming the prior art & member of the same patent family, corresponding documents		