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**SUPPLEMENTARY
EUROPEAN SEARCH REPORT**

Application Number
EP 01 27 2283

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 5 724 062 A (HUNTER ET AL) 3 March 1998 (1998-03-03)	1-3,5, 7-9	INV. G09G3/36
Y	* column 3, line 8 - column 3, line 37 * * figures 1-10 * * column 5, line 16 - column 9, line 21 * -----	4,6	G09G3/20 G02F1/133
X	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 03, 27 February 1998 (1998-02-27) -& JP 09 292601 A (KANSEI CORP), 11 November 1997 (1997-11-11)	1,8,9	
Y	* abstract *	6	
A	PATENT ABSTRACTS OF JAPAN vol. 1996, no. 02, 29 February 1996 (1996-02-29) -& JP 07 253765 A (HITACHI LTD), 3 October 1995 (1995-10-03)	1-9	
Y	* abstract *	4	
A	YAMAGUCHI R ET AL: "FLUORESCENT LIQUID CRYSTAL COLOR DISPLAY USING A GUEST-HOST UV SHUTTER AND PHOSPHOR LAYERS ON THE INSIDE OF THE CELL" JAPANESE JOURNAL OF APPLIED PHYSICS, JAPAN SOCIETY OF APPLIED PHYSICS, TOKYO, JP, vol. 38, no. 6A/B, PART 2, 15 June 1999 (1999-06-15), pages L652-L654, XP000902420 ISSN: 0021-4922 * the whole document *	1-9	TECHNICAL FIELDS SEARCHED (IPC) G09G
A	US 6 069 676 A (YUYAMA ET AL) 30 May 2000 (2000-05-30) * abstract *	1-9	
<p>The supplementary search report has been based on the last set of claims valid and available at the start of the search.</p>			
Place of search Munich		Date of completion of the search 31 May 2006	Examiner Wolff, L
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.**

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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
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31-05-2006

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专利名称(译)	液晶驱动装置和灰度显示方法		
公开(公告)号	EP1345202A4	公开(公告)日	2006-04-19
申请号	EP2001272283	申请日	2001-12-21
[标]申请(专利权)人(译)	株式会社互联 OZAKI YUTAKA		
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IPC分类号	G09G3/20 G09G3/36 G02F1/133		
CPC分类号	G09G3/3688 G09G3/2014 G09G3/2018 G09G2310/027 G09G2320/0252 G09G2320/0285 G09G2320/029 G09G2320/041 G09G2320/0626		
优先权	2000391136 2000-12-22 JP 2001218440 2001-07-18 JP		
其他公开文献	EP1345202B1 EP1345202A1		
外部链接	Espacenet		

摘要(译)

在液晶的单位驱动期间中，将具有预定图案的电压施加到液晶上以驱动液晶，并且考虑通过积分通过透射光的光量而获得的值来设置根据灰度数据的施加图案。在将每个施加图案施加到液晶上的各个时间点的液晶。即使仅通过最大额定电压的ON / OFF来驱动液晶，也可以进行精细的灰度显示。结果，可以高速驱动液晶并产生多灰度级显示。

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Y	* column 3, line 8 - column 3, line 37 * * figures 1-10 * * column 5, line 16 - column 9, line 21 *	4,6	
X	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 03 27 February 1998 (1998-02-27) = 8 JP 99 292601 A (KANSEI CORP). 11 November 1997 (1997-11-11) * abstract *	1,8,9	
A	PATENT ABSTRACTS OF JAPAN vol. 1996, no. 02 29 February 1996 (1996-02-29) = 8 JP 97 253765 A (HITACHI LTD). 3 October 1995 (1995-10-03) * abstract *	1-9	TECHNICAL FIELDS SEARCHED (IPC) G09G
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Munich		31 May 2006	Wolff, L
CATEGORY OF CITED DOCUMENTS			
0: particularly relevant if taken alone 1: particularly relevant if considered with another document of the same category 2: non-relevant background 3: non-relevant document 4: intermediate document 5: theory or principle underlying the invention 6: earlier patent document, but not cited on, or after the filing date 7: document cited in the application 8: document cited for other reasons 9: member of the same patent family, corresponding document			