



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	WO 01/20393 A (MERCK PATENT GMBH [DE]; CUTLER TARA [GB]; PARRI OWAIN LLYR [GB]; VERRA) 22 March 2001 (2001-03-22) * page 7, line 21 - page 8, line 26 * * page 10, line 24 - page 12, line 4 * * page 12, line 34 - page 15, line 30 * * figures 2a,2b * -----	1-12	INV. G02F1/13363 G02B5/30 G02F1/1335
A	US 2004/051832 A1 (SHIMOSHIKIRYOH FUMIKAZU [JP]) 18 March 2004 (2004-03-18) * abstract * * figures 4,8a,8b,9,13,18,23-26,30,31 * * paragraph [0173] - paragraph [0332] * -----	1-12	
P,X	JOUN-HO LEE 1 ET AL: "P-92:Optical Configurations of TW-IPS LC Cell for Very Wide Viewing Angle in Large Size TV Application" 2005 SID INTERNATIONAL SYMPOSIUM. BOSTON, MA, MAY 24 - 27, 2005, SID INTERNATIONAL SYMPOSIUM, SAN JOSE, CA : SID, US, 24 May 2005 (2005-05-24), pages 642-645, XP007012519 * figure 4b * -----	1	
			TECHNICAL FIELDS SEARCHED (IPC)
			G02F G02B
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search Munich		Date of completion of the search 4 May 2007	Examiner Kentischer, Florian
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 06 71 4974

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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04-05-2007

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		JP 2003509724 T	11-03-2003
		US 6903789 B1	07-06-2005

US 2004051832 A1	18-03-2004	NONE	

专利名称(译)	液晶面板，液晶电视和液晶显示装置		
公开(公告)号	EP1757977A4	公开(公告)日	2007-07-18
申请号	EP2006714974	申请日	2006-03-01
[标]申请(专利权)人(译)	日东电工株式会社		
申请(专利权)人(译)	日东电工株式会社		
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IPC分类号	G02F1/13363 G02B5/30 G02F1/1335		
CPC分类号	G02B5/3016 G02F1/13363 G02F2001/133562 G02F2001/133567 G02F2413/04 G02F2413/11 G02F2413/13		
优先权	2005068649 2005-03-11 JP		
其他公开文献	EP1757977A1 EP1757977B1		
外部链接	Espacenet		

摘要(译)

本发明的一个目的是提供一种液晶面板，液晶电视和液晶显示装置，每个都具有显着减少的黑色显示中的漏光和着色，倾斜方向上的高对比度和小的色移。一个倾斜的方向。根据本发明的液晶面板包括：液晶单元，包括含有在没有电场的情况下均匀取向的向列液晶的液晶层;第一偏振器，设置在液晶单元的观察者侧;第一叠层光学元件，设置在液晶盒和第一偏振片之间;第二偏振器，设置在液晶单元的背光侧;第二叠层光学元件设置在液晶盒和第二偏振片之间。

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P.X	JOUN-HO LEE 1 ET AL: "P-92:Optical Configurations of Tw-IPS LC Cell for Very Wide Viewing Angle in Large Size TV Application" 2005, SID INTERNATIONAL SYMPOSIUM, BOSTON, MA, MAY 24 - 27, 2005, SID INTERNATIONAL SYMPOSIUM, SAN JOSE, CA : SID, US, 24 May 2005 (2005-05-24), pages 642-645, XP007012519 * figure 4b *	1	TECHNICAL FIELDS SEARCHED (IPC) G02F G02B
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