



SUPPLEMENTARY
EUROPEAN SEARCH REPORT

Application Number

EP 03 73 3428

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	TECHNICAL FIELDS SEARCHED (IPC)
X	EP 0 470 032 A (IBM [US]) 5 February 1992 (1992-02-05) * column 2, line 2 - column 5, line 13 * -----	1-18	INV. G02F1/133 H05B33/14 H05B33/26
X	JP 07 218899 A (FUJITSU LTD) 18 August 1995 (1995-08-18) * paragraph [0011] - paragraph [0013] * -----	1-18	G09F9/40 G09F9/30 G09G3/36 G09G3/20
A	JP 2001 332392 A (SONY CORP) 30 November 2001 (2001-11-30) * the whole document * -----	1-18	
A	US 5 357 355 A (ARAI RYOICHI [JP]) 18 October 1994 (1994-10-18) * column 3, line 31 - column 5, line 24 * -----	1-18	
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			G02F G09G
4	Place of search	Date of completion of the search	Examiner
	The Hague	24 June 2008	Diot, Patrick
CATEGORY OF CITED DOCUMENTS		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	
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			

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

EP 03 73 3428

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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24-06-2008

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US 5357355	A	18-10-1994		JP 2935290 B2 JP 4360126 A		16-08-1999 14-12-1992

专利名称(译)	显示		
公开(公告)号	EP1515181A4	公开(公告)日	2008-07-30
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[标]申请(专利权)人(译)	夏普株式会社		
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IPC分类号	G02F1/133 G02F1/1347 G09G3/36 H01L27/32 G09F9/30 G09F9/40 G09G3/20 H05B33/14 H05B33/26		
CPC分类号	G09G3/36 G02F1/13306 G02F1/1347 G02F2001/133342 G09G2300/023 G09G2300/08 G09G2310/0283 G09G2340/0492 H01L27/3244 H01L2251/5323		
优先权	2002179931 2002-06-20 JP		
其他公开文献	EP1515181A1		
外部链接	Espacenet		

摘要(译)

一种显示装置，包括：透明显示元件，设置在透明基板上；显示面板DP，其显示图像可以从任一侧观察；一对液晶快门装置2as和2bs，以夹住显示面板DP的方式设置，显示控制装置13和15，用于在显示面板上显示要在每隔一帧显示的图像的镜像，以及液晶快门控制装置14，用于与所述液晶快门装置同步地打开和关闭所述一对液晶快门装置。显示控制装置的操作使得它们在每次帧扫描中不会同时打开。打开和关闭该对液晶快门装置，使得可以在显示面板DP的一侧上观察镜像作为常规图像。可以从显示面板的前表面和后表面同时观看显示在显示面板上的图像信息。

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X	EP 0 470 032 A (IBM [US]) 5 February 1992 (1992-02-05) * column 2, line 2 - column 5, line 13 *	1-18		
X	JP 07 218899 A (FUJITSU LTD) 18 August 1995 (1995-08-18) * paragraph [0011] - paragraph [0013] *	1-18		
A	JP 2001 332392 A (SONY CORP) 30 November 2001 (2001-11-30) * column 3, line 21 - column 5, line 24 *	1-18		
A	US 5 387 385 A (ARAI - RYOICHI [JP]) 18 October 1994 (1994-10-18) * column 3, line 31 - column 5, line 24 *	1-18		
TECHNICAL FIELD(S) REACHED				
G02F G09G				
The supplementary search report has been based on the last prior art document cited and available at the start of the search.				
Place of search:	Date of completion of the search:			
The Hague	24 June 2008			
Examiner:				
CATEGORY OF CITED DOCUMENTS				
X particularly relevant if taken alone D document with primary reference and one or more additional documents of the same category A document referred to by another document P intermediate document				
T : theory or principle underlying the invention R : right to property claimed B : broadening the application C : document cited for other reasons E : document of the same patent family, corresponding document				