



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	JP 2001 281625 A (SONY CORP) 10 October 2001 (2001-10-10) * abstract * & US 2003/218587 A1 (IKEDA HIROYUKI [JP]) 27 November 2003 (2003-11-27) * abstract * * page 2, paragraph 13 - paragraph 14 * -----	1-18	INV. G09G3/36 G09G3/20 G02F1/133
			TECHNICAL FIELDS SEARCHED (IPC)
			G09G
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		Date of completion of the search	Examiner
The Hague		31 July 2007	GONZALEZ ORDONEZ, O
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 02 80 2023

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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31-07-2007

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 2001281625 A	10-10-2001	TW 463141 B US 2001052886 A1	11-11-2001 20-12-2001
US 2003218587 A1	27-11-2003	NONE	

专利名称(译)	液晶显示器及其驱动方法		
公开(公告)号	EP1441326A4	公开(公告)日	2007-09-05
申请号	EP2002802023	申请日	2002-10-17
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IPC分类号	G09G3/20 G09G3/36 G09G5/00 G02F1/133		
CPC分类号	G09G5/008 G09G3/3648 G09G5/005 G09G5/006 G09G2300/0486 G09G2300/0491 G09G2310/0205 G09G2310/061 G09G2320/0247 G09G2320/0261 G09G2340/0421		
优先权	2001324717 2001-10-23 JP		
其他公开文献	EP1441326A1 EP1441326B1		
外部链接	Espacenet		

摘要(译)

包括在液晶显示装置中的频率转换部分 (101) 通过插入一个非图像信号产生输出视频信号, 该非图像信号将同时写入L上的像素 (L是等于或大于的整数两个) 液晶面板的栅极线, 对于一条线, 在构成输入视频信号的图像信号之间, 用于相应的L线, 以及在垂直消隐期间调整输出视频信号的水平扫描周期的数量, 以便构成一个帧周期的水平扫描周期的数量是 $(L + 1) \times (2N + 1)$ (N是整数)。因此, 当在OCB模式下使用液晶面板执行抗后向过渡驱动时, 可以最小化驱动频率的增加, 防止由液晶面板的AC驱动引起的亮度不规则, 并且降低成本。