



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
Y	US 5 965 901 A (HEEKS ET AL) 12 October 1999 (1999-10-12) * figures 2-7 * * column 3, line 3 - line 11 * * column 5, line 8 - line 18 * * column 6, line 12 - line 58 * * column 6, line 66 - column 7, line 3 * * column 7, line 13 - line 46 * -----	1-11	INV. H05B33/08 H05B33/14 H05B33/22 G09G3/20
Y	WO 00/70655 A (THE TRUSTEES OF PRINCETON UNIVERSITY; THE UNIVERSITY OF SOUTHERN CALIF) 23 November 2000 (2000-11-23) * page 1, line 6 - line 8 * * page 5, line 23 - line 31 * * page 6, line 7 - line 17 * * page 7, line 13 - line 18 * * page 8, line 4 * -----	1-8,10,11	
Y	EP 1 085 496 A (SANYO ELECTRIC CO., LTD) 21 March 2001 (2001-03-21) * figures 5,7,9 * * paragraph [0033] - paragraph [0034] * * paragraphs [0050], [0057], [0058] * -----	1,3,4,10,11	TECHNICAL FIELDS SEARCHED (IPC)
Y	EP 1 058 484 A (SEMICONDUCTOR ENERGY LABORATORY CO., LTD) 6 December 2000 (2000-12-06) * figure 1 * * paragraph [0231] * -----	9	G09G H01L C09K H05B
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 The Hague		Date of completion of the search 3 July 2006	Examiner Ladiray, 0
<div>CATEGORY OF CITED DOCUMENTS</div> <div>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</div> <div>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</div>			

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

EP 02 74 1433

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.

03-07-2006

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 5965901	A	12-10-1999	GB	2319880 A	03-06-1998

WO 0070655	A	23-11-2000	AU	5004700 A	05-12-2000
			BR	0010424 A	13-02-2002
			CN	1572029 A	26-01-2005
			EP	1449238 A2	25-08-2004
			JP	2003526876 T	09-09-2003
			TW	500787 B	01-09-2002

EP 1085496	A	21-03-2001	JP	2001085159 A	30-03-2001

EP 1058484	A	06-12-2000	CN	1278660 A	03-01-2001
			CN	1400673 A	05-03-2003
			CN	1604697 A	06-04-2005
			TW	232595 B	11-05-2005
			TW	527735 B	11-04-2003
			US	6689492 B1	10-02-2004

专利名称(译)	有机电致发光显示器及其驱动方法		
公开(公告)号	EP1434469A4	公开(公告)日	2006-08-09
申请号	EP2002741433	申请日	2002-07-08
[标]申请(专利权)人(译)	出光兴产株式会社		
申请(专利权)人(译)	出光兴产股份有限公司.		
当前申请(专利权)人(译)	出光兴产股份有限公司.		
[标]发明人	MATSUURA MASAHIDE HOSOKAWA CHISHIO		
发明人	MATSUURA, MASAHIDE HOSOKAWA, CHISHIO		
IPC分类号	G09G3/32 H01L27/32 H05B33/08 H05B33/14 H05B33/22 G09G3/20		
CPC分类号	G09G3/2014 G09G3/3258 G09G2300/0842 G09G2310/0251 G09G2310/0256 G09G2310/066 G09G2320/0247 G09G2320/043 H01L27/3244 H05B45/60 H01L51/0085 H01L51/52		
优先权	2001242610 2001-08-09 JP		
其他公开文献	EP1434469A1		
外部链接	Espacenet		

摘要(译)

在一种有机电致发光显示装置 (30) 中, 该有机电致发光显示装置 (30) 包括有机EL元件 (26) 和驱动电路, 该有机EL元件 (26) 具有将有机发光介质 (24) 夹在上电极 (20) 和下电极 (22) 之间的结构。14) 用于驱动有机EL元件 (26) , 有机发光介质 (24) 包括主体化合物和与三线态有关的发光化合物, 并且驱动电路 (14) 施加频率为30的电脉冲电压或脉冲电流 Hz或更高, 占空比为1/5或更低。 以此方式, 可以提供一种功耗低且发光寿命长的有机EL显示装置及其驱动方法。

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
Y	US 5 965 901 A (HEEKS ET AL) 12 October 1999 (1999-10-12) * figures 2-7 * * column 3, line 3 - line 11 * * column 5, line 8 - line 18 * * column 6, line 12 - line 58 * * column 6, line 66 - column 7, line 3 * * column 7, line 13 - line 46 *	1-11	INV. H05B33/08 H05B33/14 H05B33/22 G09G3/20
Y	WO 00/70655 A (THE TRUSTEES OF PRINCETON UNIVERSITY; THE UNIVERSITY OF SOUTHERN CALIF) 23 November 2000 (2000-11-23) * page 1, line 6 - line 8 * * page 5, line 23 - line 31 * * page 6, line 7 - line 17 * * page 7, line 13 - line 18 * * page 8, line 4 *	1-8, 10, 11	
Y	EP 1 085 496 A (SANYO ELECTRIC CO., LTD) 21 March 2001 (2001-03-21) * figures 5, 7, 9 * * paragraph [0033] - paragraph [0034] * * paragraphs [0050], [0057], [0058] *	1, 3, 4, 10, 11	TECHNICAL FIELDS SEARCHED (IPC)
Y	EP 1 058 484 A (SEMICONDUCTOR ENERGY LABORATORY CO., LTD) 6 December 2000 (2000-12-06) * figure 1 * * paragraph [0231] *	9	G09G H01L C09K H05B
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 The Hague		Date of completion of the search 3 July 2006	Examiner Ladiray, O
CATEGORY OF CITED DOCUMENTS X particularly relevant taken alone Y particularly relevant if combined with another document of the same category A document of the prior art B non-written disclosure C intermediate document		I. priority or principle underlying the invention II. the cited document, but published on, or D. document cited in the application L. document cited for other reasons A. member of the same patent family, corresponding document	