

(12)

EUROPEAN PATENT APPLICATION

(88)

Date of publication A3:

13.06.2012 Bulletin 2012/24

(51)

Int Cl.:

H01L 51/52 ^(2006.01) H01L 27/32 ^(2006.01)

(43)

Date of publication A2:

14.04.2010 Bulletin 2010/15

(21)

Application number:

09172512.7

(22)

Date of filing:

08.10.2009

(84) Designated Contracting States: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR Designated Extension States: AL BA RS	• Mori, Toshifumi Tokyo Tokyo 146-8501 (JP) • Ikari, Kenichi Tokyo Tokyo 146-8501 (JP) • Suzuki, Koichi Tokyo Tokyo 146-8501 (JP) • Tsuboyama, Akira Tokyo Tokyo 146-8501 (JP)
(30) Priority: 10.10.2008 JP 2008264427 28.09.2009 JP 2009222633	
(71) Applicant: Canon Kabushiki Kaisha Tokyo 146-8501 (JP)	(74) Representative: TBK Bavariaring 4-6 80336 München (DE)
(72) Inventors: • Shiobara, Satoru Tokyo Tokyo 146-8501 (JP)	

(54)

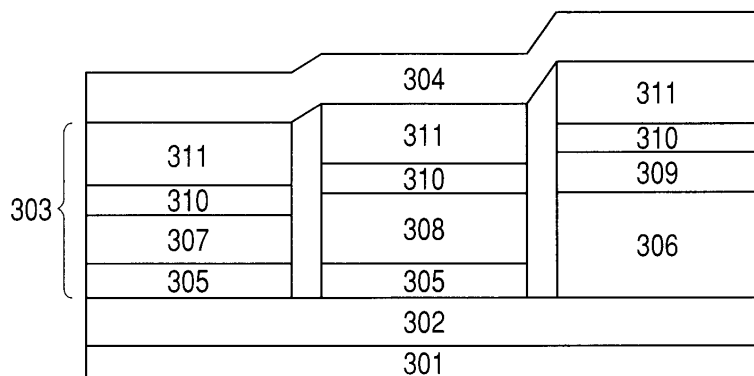
Organic electroluminescent display apparatus

(57)

An organic electroluminescent display apparatus having organic electroluminescent devices each of which is excellent in color reproducibility and has high emission efficiency in which green organic electrolumi-

nescent devices each have a delayed fluorescent material and a microcavity, and the hole transport layer of each of the devices has the same thickness as that of the hole transport layer of each of blue organic electroluminescent devices.

FIG. 3





EUROPEAN SEARCH REPORT

Application Number
EP 09 17 2512

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	EP 1 862 524 A1 (SAMSUNG SDI CO LTD [KR] SAMSUNG MOBILE DISPLAY CO LTD [KR]) 5 December 2007 (2007-12-05) * paragraphs [0193] - [0201]; figures 1,2; examples 11,12 *	1,2	INV. H01L51/52 H01L27/32
A	----- "IUPAC Compendium of Chemical Terminology, 2nd Edition; Delayed Fluorescence" In: "IUPAC Compendium of Chemical Terminology, 2nd Edition; Delayed Fluorescence", 1 January 1997 (1997-01-01), COMPENDIUM OF CHEMICAL TERMINOLOGY. INTERNATIONAL UNION OF PURE & APPLIED CHEMISTRY (IUPAC), XP55022700, * the whole document *	1,2	
A	----- GIEBINK N C ET AL: "Transient analysis of triplet exciton dynamics in amorphous organic semiconductor thin films", ORGANIC ELECTRONICS, ELSEVIER, AMSTERDAM, NL, vol. 7, no. 5, 1 October 2006 (2006-10-01) , pages 375-386, XP024972796, ISSN: 1566-1199, DOI: 10.1016/J.ORGEL.2006.04.007 [retrieved on 2006-10-01] * page 376, column 1 - column 2; figure 1 *	1,2	TECHNICAL FIELDS SEARCHED (IPC) H01L
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 3 May 2012	Examiner Konráðsson, Ásgeir
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			

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EPO FORM 1503 03.82 (P04C01)

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

EP 09 17 2512

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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03-05-2012

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专利名称(译)	有机电致发光显示装置		
公开(公告)号	EP2175505A3	公开(公告)日	2012-06-13
申请号	EP2009172512	申请日	2009-10-08
[标]申请(专利权)人(译)	佳能株式会社		
申请(专利权)人(译)	佳能株式会社		
当前申请(专利权)人(译)	佳能株式会社		
[标]发明人	SHIOBARA SATORU MORI TOSHIFUMI IKARI KENICHI SUZUKI KOICHI TSUBOYAMA AKIRA		
发明人	SHIOBARA, SATORU MORI, TOSHIFUMI IKARI, KENICHI SUZUKI, KOICHI TSUBOYAMA, AKIRA		
IPC分类号	H01L51/52 H01L27/32		
CPC分类号	H01L51/5012 H01L27/3211 H01L51/5048 H01L51/5265		
代理机构(译)	TBK		
优先权	2008264427 2008-10-10 JP 2009222633 2009-09-28 JP		
其他公开文献	EP2175505A2 EP2175505B1		
外部链接	Espacenet		

摘要(译)

一种有机电致发光显示装置，具有有机电致发光器件，每个有机电致发光器件具有优异的色彩再现性，并且具有高发光效率，其中绿色有机电致发光器件各自具有延迟的荧光材料和微腔，并且每个器件的空穴传输层具有与每个蓝色有机电致发光器件的空穴传输层的厚度相同。

FIG. 3

