



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
29.10.2014 Bulletin 2014/44

(51) Int Cl.:
H01L 27/32 ^(2006.01) **G06F 3/041** ^(2006.01)
H01L 51/52 ^(2006.01)

(43) Date of publication A2:
19.02.2014 Bulletin 2014/08

(21) Application number: **12199325.7**

(22) Date of filing: **24.12.2012**

(84) Designated Contracting States:
AL 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 RS SE SI SK SM TR
Designated Extension States:
BA ME

(72) Inventors:
• **Choi, Ho-won**
Dalseo-gu (KR)
• **Kim, Jin-Yeol**
Gyeongbuk (KR)

(30) Priority: **13.08.2012 KR 20120088540**

(74) Representative: **Viering, Jentschura & Partner**
Patent- und Rechtsanwälte
Am Brauhaus 8
01099 Dresden (DE)

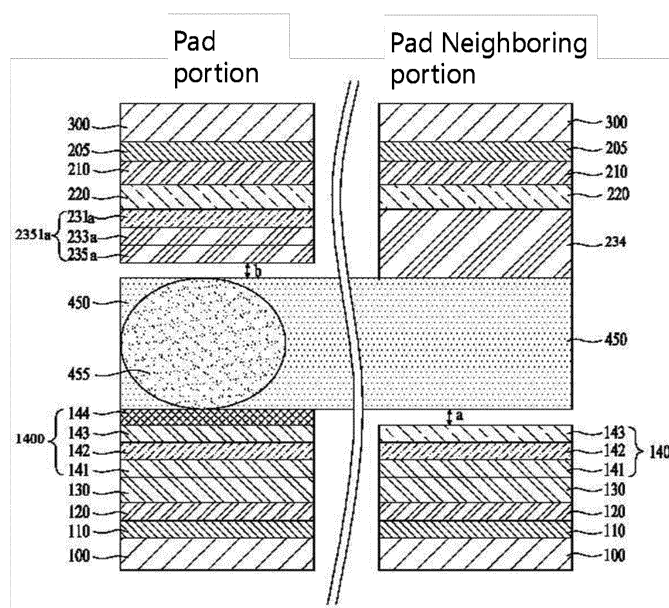
(71) Applicant: **LG Display Co., Ltd.**
Seoul 150-721 (KR)

(54) **Organic light emitting display and method for manufacturing the same**

(57) Disclosed are an organic light emitting display that enables realization of a thin film shape and flexibility, and exhibits superior contact properties in touch pads based on an improved structure, and a method for manufacturing the same, wherein a distance between the out-

ermost surface of the touch pad portion and the outermost surface of the dummy pad portion in the touch pad portion is smaller than the distance in a neighboring portion adjacent to the touch pad portion.

FIG. 7





EUROPEAN SEARCH REPORT

Application Number
EP 12 19 9325

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	US 2012/105434 A1 (KUO YA-LING [TW] ET AL) 3 May 2012 (2012-05-03) * paragraph [0022] - paragraph [0026]; figures 2-3 *	1-15	INV. H01L27/32 G06F3/041
A	US 2010/060603 A1 (KURASHIMA TAKESHI [JP] ET AL) 11 March 2010 (2010-03-11) * paragraph [0044] - paragraph [0063]; figures 6-8 *	1-15	ADD. H01L51/52
A	EP 2 423 792 A2 (SAMSUNG ELECTRONICS CO LTD [KR]) 29 February 2012 (2012-02-29) * paragraph [0023] - paragraph [0030]; figures 4-5 *	1-15	
			TECHNICAL FIELDS SEARCHED (IPC)
			H01L G06F
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 23 September 2014	Examiner Bernabé Prieto, A
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			

EPO FORM 1503 03.82 (P04C01)

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

EP 12 19 9325

5

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.

23-09-2014

10

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2012105434 A1	03-05-2012	TW 201217835 A	01-05-2012
		US 2012105434 A1	03-05-2012

US 2010060603 A1	11-03-2010	JP 2010066855 A	25-03-2010
		US 2010060603 A1	11-03-2010

EP 2423792 A2	29-02-2012	CN 102376748 A	14-03-2012
		EP 2423792 A2	29-02-2012
		KR 20120018589 A	05-03-2012
		US 2012044181 A1	23-02-2012

15

20

25

30

35

40

45

50

55

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

专利名称(译)	有机发光显示器及其制造方法		
公开(公告)号	EP2698821A3	公开(公告)日	2014-10-29
申请号	EP2012199325	申请日	2012-12-24
[标]申请(专利权)人(译)	乐金显示有限公司		
申请(专利权)人(译)	LG DISPLAY CO. , LTD.		
当前申请(专利权)人(译)	LG DISPLAY CO. , LTD.		
[标]发明人	CHOI HO WON KIM JIN YEOL		
发明人	CHOI, HO-WON KIM, JIN-YEOL		
IPC分类号	H01L27/32 G06F3/041 H01L51/52		
CPC分类号	G06F3/0412 G06F3/0445 G06F3/0446 G06F3/0447 H01L27/323 H01L27/3244 H01L51/5243 H01L51/5246 H01L33/08 H01L51/50 H01L51/5203 H01L51/524 H01L51/56 H01L21/02304 H01L23/145 H01L51/442 H01L2924/13069 G06F3/044 H01L51/5237		
优先权	1020120088540 2012-08-13 KR		
其他公开文献	EP2698821A2 EP2698821B1		
外部链接	Espacenet		

摘要(译)

公开了一种有机发光显示器，其能够实现薄膜形状和柔性，并且基于改进的结构在触摸板中显示出优异的接触性能，以及制造该有机发光显示器的方法，其中触摸的最外表面之间的距离触摸板部分中的焊盘部分和虚设焊盘部分的最外表面小于与触摸板部分相邻的相邻部分中的距离。

FIG. 7

