

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	US 2014/118975 A1 (CHEN KUANG-JUNG [TW] ET AL) 1 May 2014 (2014-05-01) * paragraphs [0032], [0033], [0036], [0037], [0040], [0043]; figure 1e *	1,3-5, 7-9,11, 12	INV. H01L27/32 H01L51/52 H01L51/56
X	US 2012/064278 A1 (CHEN KUANG-JUNG [TW]) 15 March 2012 (2012-03-15) * paragraphs [0010], [0027], [0028], [0030], [0032], [0033], [0037], [0038], [0041], [0050], [0051], [0052], [0063]; figures 2,8 *	1-6,10, 11,13	
X	US 2003/122476 A1 (WANG PING-SONG [TW] ET AL) 3 July 2003 (2003-07-03) * paragraphs [0027], [0031], [0036] - [0038]; claim 3; figures 5b,5c *	1,3,4,6, 7,11,14, 15	
X	US 2010/258346 A1 (CHEN KUANG-JUNG [TW] ET AL) 14 October 2010 (2010-10-14) * paragraphs [0011], [0012], [0031], [0032], [0033], [0037], [0040], [0043], [0052]; figures 1c,1f,1i *	1-5,11	TECHNICAL FIELDS SEARCHED (IPC) H01L H05B
X	CN 101 866 584 A (TRULY SEMICONDUCTORS CO LTD) 20 October 2010 (2010-10-20) * paragraphs [0045] - [0067]; figures 4-7 *	1,3,5-7, 11	
X	CN 201 946 636 U (CHUNGHWA PICTURE TUBES WUJIANG; CHUNGHWA PICTURE TUBES LTD) 24 August 2011 (2011-08-24) * paragraphs [0022] - [0029]; figures 1a,1b,1c *	1,3,11	
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 24 January 2018	Examiner Faou, Marylène
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

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

EP 14 88 2177

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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24-01-2018

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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CN 101866584 A	20-10-2010	NONE	
CN 201946636 U	24-08-2011	NONE	

专利名称(译)	发光显示面板及其制造方法		
公开(公告)号	EP3154088A4	公开(公告)日	2018-03-07
申请号	EP2014882177	申请日	2014-09-28
[标]申请(专利权)人(译)	京东方科技集团股份有限公司		
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IPC分类号	H01L27/32 H01L51/52 H01L51/56		
CPC分类号	H01L51/525 H01L51/5237 H01L51/5246 H01L51/5259 H01L51/56 H01L2227/323		
代理机构(译)	POTTER CLARKSON LLP		
优先权	201410235708.5 2014-05-29 CN		
其他公开文献	EP3154088A1 EP3154088B1		
外部链接	Espacenet		

摘要(译)

本发明的实施例公开了一种发光显示面板。发光显示面板包括盖板，彼此相对设置的基板，位于盖板和基板之间的多个发光器件以及围绕这些发光器件的封装结构。封装结构包括至少三排凸出框架和位于相邻凸出框架之间的第一包装材料，其中每个凸出框架的四个侧边成环并且至少三排凸出框架邻近并嵌入彼此在向内和向外的方向上。所述至少三排凸出框架的相邻凸框交替设置在所述盖板和所述基板上，并向相反方向凸出，所述至少三排凸框的不相邻凸框设置在所述盖板和衬底并向相同方向突出。在上述发光显示面板中，树脂粘合剂或干燥剂填充在框架之间的间隙中，从而延长水蒸气和氧气在空间上的侵入路径，因此防止水蒸气和氧气的效果因此增加。该发光显示面板具有密封性能好，制造工艺简单等优点。

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X	US 2014/118975 A1 (CHEN KUANG-JUNG [TW] ET AL) 1 May 2014 (2014-05-01) - paragraphs [0032], [0033], [0036], [0037], [0040], [0043]; figure 1e	1, 3, 4, 7-9, 11, 12	H01L27/32 H01L51/52 H01L51/56
X	US 2012/064278 A1 (CHEN KUANG-JUNG [TW]) 15 March 2012 (2012-03-15) - paragraphs [0010], [0027], [0028], [0030], [0032], [0035], [0037], [0038], [0041], [0050], [0051], [0052], [0063]; figures 2, 6	1-6, 10, 11, 13	
X	US 2003/122476 A1 (WANG PING-SONG [TW] ET AL) 3 July 2003 (2003-07-03) - paragraphs [0027], [0031], [0036] - [0038]; claim 3; figures 5b, 5c	1, 3, 4, 6, 7, 11, 14, 15	H01L27/32 H01L51/52 H01L51/56
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X	CN 101 866 684 A (TRIPLE SEMICONDUCTORS CO LTD) 20 October 2010 (2010-10-20) - paragraphs [0045] - [0057]; figures 4-7	1, 3, 5-7, 11	TECHNICAL FIELD SEARCHED ** (IPC)
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The above information is available in the search report.

1 The above information is available in the search report.

Category of cited documents	24 January 2018	Faou, Marylène
X: knowledge relevant to the claim Y: knowledge relevant to the application Z: knowledge relevant to the prior art T: document cited for other reasons * : document of the same patent family, corresponding document		