

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 2014/048825 A1 (HSIEH MIN HSUN [TW] ET AL) 20 February 2014 (2014-02-20) * paragraph [0033]; figure 3 * * paragraph [0042] - paragraph [0046]; figures 6-10 * * paragraph [0047]; figure 11 * * paragraph [0048]; figure 12 * -----	1-13	INV. H01L27/15  ADD. H01L33/38
X	US 2013/313587 A1 (LIN LI-FAN [TW] ET AL) 28 November 2013 (2013-11-28)	13-15	
A	* paragraph [0068] - paragraph [0078]; figure 8 * -----	9,11	
A	US 2011/136324 A1 (ASHDOWN IAN [CA] ET AL) 9 June 2011 (2011-06-09) * paragraph [0036] - paragraph [0041]; figure 1 * * paragraph [0071] - paragraph [0076]; figure 8 * * paragraph [0077]; figure 9 * -----	7-12	
A	US 2014/240618 A1 (ORAW BRADLEY STEVEN [US]) 28 August 2014 (2014-08-28) * paragraph [0059] - paragraph [0061]; figure 4 * -----	5,6	TECHNICAL FIELDS SEARCHED (IPC) H01L
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 <b>The Hague</b>		Date of completion of the search <b>6 February 2018</b>	Examiner <b>Franssen, Gijs</b>
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 14 90 4109

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.

06-02-2018

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2014048825 A1	20-02-2014	TW 201407749 A	16-02-2014
		TW 201727866 A	01-08-2017
		US 2014048825 A1	20-02-2014
		US 2016276403 A1	22-09-2016
-----			
US 2013313587 A1	28-11-2013	TW 201349599 A	01-12-2013
		US 2013313587 A1	28-11-2013
-----			
US 2011136324 A1	09-06-2011	US 2011136324 A1	09-06-2011
		WO 2011069242 A1	16-06-2011
-----			
US 2014240618 A1	28-08-2014	NONE	
-----			

专利名称(译)	微型显示和组装		
公开(公告)号	<a href="#">EP3207570A4</a>	公开(公告)日	2018-03-14
申请号	EP2014904109	申请日	2014-10-17
[标]申请(专利权)人(译)	英特尔公司		
申请(专利权)人(译)	英特尔公司		
当前申请(专利权)人(译)	英特尔公司		
[标]发明人	CHANG PETER L		
发明人	CHANG, PETER L.		
IPC分类号	H01L27/32 H01L51/50		
CPC分类号	H01L27/156 H01L33/385 H01L33/56 H01L33/62		
其他公开文献	EP3207570A1		
外部链接	<a href="#">Espacenet</a>		

摘要(译)

晶体 ( micro ) LED显示器组件，制造这种显示器组件的方法，可以将 ( micro ) LED从其转移到显示器组件的晶体LED源基板以及制造这种源基板的方法。可以准备LED元件，以通过取放或其他方式转移到粘合衬底上。锚固和释放结构使LED元件可以固定并通过导电聚合物电耦合到粘结基板。可以准备LED元件，以转移到具有自对准LED电极金属化结构的键合衬底上，从而使该元件可以通过粘合剂固定到键合衬底上，并与自对准的局部互连金属化电耦合。固定LED元件后，可能会在LED元件周围堆积材料，并且显示组件会从粘结基板分离。

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Classification of documents with indication, where appropriate, of relevant passages	Relevant to:	Classification of the application (IPC)
X	US 2014/048825 A1 (HSIEH MIN HSUN [TW] ET AL) 20 February 2014 (2014-02-20) * paragraph [0033]; figure 3 * * paragraph [0042] - paragraph [0046]; figure 6-10 * * paragraph [0047] - figure 11 * * paragraph [0048]; figure 12 *	1-13	INV. H01L27/15 ADD. H01L33/38
X	US 2013/313587 A1 (LIN LI-FAN [TW] ET AL) 28 November 2013 (2013-11-28) paragraph [0068] - paragraph [0078]; figure 9 *	13-15 9.11	
A	US 2011/136324 A1 (ASHDOWN IAN [CA] ET AL) 9 June 2011 (2011-06-09) * paragraph [0036] - paragraph [0041]; figure 1 * * paragraph [0071] - paragraph [0076]; figure 8 *	7-12	
A	US 2014/240618 A1 (GRAM BRADLEY STEVEN [US]) 28 August 2014 (2014-08-28) * paragraph [0059] - paragraph [0061]; figure 4 *	5,6	TECHNICAL FIELD SUMMARY H01L

The European search report has been filed on the last day of the time valid for its withdrawal from the search.

1	The Hague	6 February 2018	Franssen, Gijb
---	-----------	-----------------	----------------

1. ON RECEIPT OF OTHER DOCUMENTS:  
 2. I have checked the relevant documents and have indicated by reference to the relevant passages the documents of the same category as those indicated in the search report.  
 3. I have checked the relevant documents and have indicated by reference to the relevant passages the documents of the same category as those indicated in the search report.  
 4. I have checked the relevant documents and have indicated by reference to the relevant passages the documents of the same category as those indicated in the search report.

5. I have checked the relevant documents and have indicated by reference to the relevant passages the documents of the same category as those indicated in the search report.  
 6. I have checked the relevant documents and have indicated by reference to the relevant passages the documents of the same category as those indicated in the search report.  
 7. I have checked the relevant documents and have indicated by reference to the relevant passages the documents of the same category as those indicated in the search report.  
 8. I have checked the relevant documents and have indicated by reference to the relevant passages the documents of the same category as those indicated in the search report.