

# SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application Number  
EP 15 83 5004

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 2012/146886 A1 (MINAMI TETSUO [JP] ET AL) 14 June 2012 (2012-06-14)	1-3	INV. H01L27/32
Y	* page 5, paragraph 73 - page 6, paragraph 85; figures 2, 6 *	4-14	H01L51/52 H01L51/56
X	US 2014/239276 A1 (LIN WEY-JIUN [US] ET AL) 28 August 2014 (2014-08-28)	1,2	
Y	* page 3, paragraph 46 - page 6, paragraph 72; figures 6-8 *	4-14	
			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 The Hague		Date of completion of the search 14 August 2017	Examiner Parashkov, Radoslav
<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 &amp; : member of the same patent family, corresponding document</p>			

1

EPO FORM 1503 03.82 (P04N04)

## CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):

☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.

## LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

☐ All further search fees have been paid within the fixed time limit. The present (supplementary) European search report has been drawn up for all claims.

☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.

☐ Only part of the further search fees have been paid within the fixed time limit. The present (supplementary) European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:

☒ None of the further search fees have been paid within the fixed time limit. The present (supplementary) European search report has been drawn up for those parts of the European patent application which relate to the first mentioned in the claims, namely claims:

1-14

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-14

A display apparatus, comprising:  
a base layer having a bend allowance section between a first portion and a second portion of the display apparatus;  
a plurality of organic light-emitting diode (OLED) elements disposed on the first portion of the base layer;  
an encapsulation over the OLED elements;  
a printed circuit film attached to the second portion of the base layer; and  
a micro-coating layer disposed over the bend allowance section of the base layer.

---

2. claim: 15

A method of manufacturing a display apparatus, comprising:  
forming a buffer layer on a base layer;  
forming a conductive line traces with a strain-reducing pattern in an inactive are of the base layer;  
chamfering the base layer to create a notched inactive area having a bend allowance section;  
etching the buffer layer to expose the base layer along strain-reducing pattern of the conductive line trace and along the notched line;  
dispensing a micro-coating layer in the notched inactive area; and  
curing the micro-coating layer.

---

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

EP 15 83 5004

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.

14-08-2017

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2012146886 A1	14-06-2012	CN 102568377 A	11-07-2012
		JP 5720222 B2	20-05-2015
		JP 2012128006 A	05-07-2012
		US 2012146886 A1	14-06-2012
		US 2017155066 A1	01-06-2017
		US 2017331059 A1	16-11-2017
-----			
US 2014239276 A1	28-08-2014	US 2014239276 A1	28-08-2014
		US 2016254465 A1	01-09-2016
-----			