

SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application Number
EP 14 85 9298

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
Y	US 2002/109457 A1 (DUINEVELD PAULUS CORNELIS [NL] ET AL) 15 August 2002 (2002-08-15) * paragraph [0047]; figures 6-7 *	1-7	INV. H01L51/52 H01L51/56 H01L27/32 G09G1/00
Y	US 2013/057456 A1 (OMOTO KEISUKE [JP]) 7 March 2013 (2013-03-07) * paragraph [0072] - paragraph [0076]; figure 17 *	1-7	
Y	CN 1 774 147 A (ZHONGHUA PICTURE TUBE CO LTD [CN]) 17 May 2006 (2006-05-17) * figures 6A-6C *	1-7	
Y	US 2014/001447 A1 (KIM JONG SUNG [KR] ET AL) 2 January 2014 (2014-01-02) * paragraph [0032]; figure 7A *	1-7	
Y	US 2014/077186 A1 (KIM YOUNG-IL [KR]) 20 March 2014 (2014-03-20) * paragraph [0064] - paragraph [0068]; figure 6A *	1-7	
Y	US 2005/087740 A1 (MATSUMOTO SHOICHIRO [JP] ET AL) 28 April 2005 (2005-04-28) * figure 4 *	1-7	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 Munich		Date of completion of the search 23 October 2017	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			

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

EP 14 85 9298

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.

23-10-2017

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2002109457	A1	15-08-2002	AT 415802 T	15-12-2008
			CN 1425267 A	18-06-2003
			EP 1346610 A1	24-09-2003
			JP 2004516630 A	03-06-2004
			US 2002109457 A1	15-08-2002
			WO 0251213 A1	27-06-2002

US 2013057456	A1	07-03-2013	CN 103000636 A	27-03-2013
			JP 5811709 B2	11-11-2015
			JP 2013058324 A	28-03-2013
			KR 20130027428 A	15-03-2013
			TW 201322441 A	01-06-2013
			US 2013057456 A1	07-03-2013

CN 1774147	A	17-05-2006	NONE	

US 2014001447	A1	02-01-2014	CN 103515540 A	15-01-2014
			KR 20140006180 A	16-01-2014
			US 2014001447 A1	02-01-2014

US 2014077186	A1	20-03-2014	CN 103681755 A	26-03-2014
			JP 6143056 B2	07-06-2017
			JP 2014060135 A	03-04-2014
			KR 20140036893 A	26-03-2014
			TW 201413939 A	01-04-2014
			US 2014077186 A1	20-03-2014

US 2005087740	A1	28-04-2005	CN 1602121 A	30-03-2005
			JP 2005100724 A	14-04-2005
			KR 20050030165 A	29-03-2005
			TW 1272561 B	01-02-2007
			US 2005087740 A1	28-04-2005

专利名称(译)	有机发光二极管显示像素，显示面板和显示装置		
公开(公告)号	EP3125327A4	公开(公告)日	2017-11-29
申请号	EP2014859298	申请日	2014-08-07
[标]申请(专利权)人(译)	京东方科技集团股份有限公司		
申请(专利权)人(译)	京东方科技集团股份有限公司.		
当前申请(专利权)人(译)	京东方科技集团股份有限公司.		
[标]发明人	SUN TUO LIU YING		
发明人	SUN, TUO LIU, YING		
IPC分类号	H01L51/52 H01L51/56		
CPC分类号	H01L27/3216 G09G1/00 H01L27/3211 H01L27/3218		
优先权	201410115315.0 2014-03-25 CN		
其他公开文献	EP3125327A1		
外部链接	Espacenet		

摘要(译)

提供有机发光二极管显示器像素（100），显示面板和显示装置。有机发光二极管显示器像素（100）包括并排布置的红色发光装置（10），绿色发光装置（20）和蓝色发光装置（30），所述红色发光装置相对于边界倾斜设置。像素。红色发光装置（10）和绿色发光装置（20）位于蓝色发光装置（30）的两侧，其长度大于红色发光装置（10）和绿色发光装置的长度。（20）。显示像素可以在不降低像素的总孔径比的情况下延长显示面板的使用寿命。

DOCUMENTS CONSIDERED TO BE RELEVANT		Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
Category	Classifications of documents, with indication, where appropriate, of relevant passages		
Y	US 2002/109457 A1 (DUINEVELD PAULUS CORNELIS [NL] ET AL.) 15 August 2002 (2002-08-15) * paragraph [0047]; figures 6-7 *	1-7	INV. H01L51/52 H01L51/56 H01L27/52 G09G1/00
Y	US 2013/057456 A1 (OHOTO KEISUKE [JP]) 7 March 2013 (2013-03-07) * paragraph [0072] - paragraph [0076]; figure 17 *	1-7	
Y	CH 1 774 187 A (ZHONGHUA PICTURE TUBE CO LTD [CN]) 17 May 2006 (2006-05-17) Figure 6A-6C	1-7	
Y	US 2014/001447 A1 (KIM JONG SUNG [KR] ET AL.) 2 January 2014 (2014-01-02) * paragraph [0032]; figure 7A *	1-7	
Y	US 2014/077186 A1 (KIM YOUNG-IL [KR]) 20 March 2014 (2014-03-20) * paragraph [0064] - paragraph [0068]; figure 8A	1-7	
Y	US 2005/087740 A1 (MATSUMOTO SHOICHIRO [JP] ET AL.) 28 April 2005 (2005-04-28) * figure 4 *	1-7	
The supplementary search report has been based on the text set of claims valid as filed at the start of the search.			
Munich		23 October 2017	Bernabé Prieto, A
CATEGORY OF CITED DOCUMENTS Y: previously relevant & taken alone Y1: previously relevant & combined with another document of the same category Y2: previously relevant & combined with another document of a different category Y3: previously relevant & combined with another document of a different category Y4: previously relevant & combined with another document of a different category		1: relevant to the whole of the application 2: relevant to a part of the application 3: relevant to a part of the application 4: relevant to a part of the application 5: relevant to a part of the application 6: relevant to a part of the application 7: relevant to a part of the application 8: relevant to a part of the application 9: relevant to a part of the application 10: relevant to a part of the application 11: relevant to a part of the application 12: relevant to a part of the application 13: relevant to a part of the application 14: relevant to a part of the application 15: relevant to a part of the application 16: relevant to a part of the application 17: relevant to a part of the application 18: relevant to a part of the application 19: relevant to a part of the application 20: relevant to a part of the application 21: relevant to a part of the application 22: relevant to a part of the application 23: relevant to a part of the application 24: relevant to a part of the application 25: relevant to a part of the application 26: relevant to a part of the application 27: relevant to a part of the application 28: relevant to a part of the application 29: relevant to a part of the application 30: relevant to a part of the application 31: relevant to a part of the application 32: relevant to a part of the application 33: relevant to a part of the application 34: relevant to a part of the application 35: relevant to a part of the application 36: relevant to a part of the application 37: relevant to a part of the application 38: relevant to a part of the application 39: relevant to a part of the application 40: relevant to a part of the application 41: relevant to a part of the application 42: relevant to a part of the application 43: relevant to a part of the application 44: relevant to a part of the application 45: relevant to a part of the application 46: relevant to a part of the application 47: relevant to a part of the application 48: relevant to a part of the application 49: relevant to a part of the application 50: relevant to a part of the application 51: relevant to a part of the application 52: relevant to a part of the application 53: relevant to a part of the application 54: relevant to a part of the application 55: relevant to a part of the application 56: relevant to a part of the application 57: relevant to a part of the application 58: relevant to a part of the application 59: relevant to a part of the application 60: relevant to a part of the application 61: relevant to a part of the application 62: relevant to a part of the application 63: relevant to a part of the application 64: relevant to a part of the application 65: relevant to a part of the application 66: relevant to a part of the application 67: relevant to a part of the application 68: relevant to a part of the application 69: relevant to a part of the application 70: relevant to a part of the application 71: relevant to a part of the application 72: relevant to a part of the application 73: relevant to a part of the application 74: relevant to a part of the application 75: relevant to a part of the application 76: relevant to a part of the application 77: relevant to a part of the application 78: relevant to a part of the application 79: relevant to a part of the application 80: relevant to a part of the application 81: relevant to a part of the application 82: relevant to a part of the application 83: relevant to a part of the application 84: relevant to a part of the application 85: relevant to a part of the application 86: relevant to a part of the application 87: relevant to a part of the application 88: relevant to a part of the application 89: relevant to a part of the application 90: relevant to a part of the application 91: relevant to a part of the application 92: relevant to a part of the application 93: relevant to a part of the application 94: relevant to a part of the application 95: relevant to a part of the application 96: relevant to a part of the application 97: relevant to a part of the application 98: relevant to a part of the application 99: relevant to a part of the application 100: relevant to a part of the application	