

SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application Number
EP 14 86 3077

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	JP 2010 165510 A (CANON KK) 29 July 2010 (2010-07-29)	1-4, 7-11,14, 15	INV. H01L27/32 H01L51/52
Y	* figure 1 * * paragraph [0001] * * paragraph [0021] - paragraph [0024] * * paragraph [0077] - paragraph [0080] * * paragraph [0052] * * paragraph [0084] * * paragraph [0059] * * paragraph [0045] - paragraph [0047] * * paragraph [0070] * -----	5,6,12, 13	
Y	US 2013/207085 A1 (IM JA-HYUN [KR] ET AL) 15 August 2013 (2013-08-15) * figure 4 * * paragraph [0109] * -----	5,6,12, 13	
			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 11 October 2017	Examiner Beierlein, Udo
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.**

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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.

11-10-2017

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 2010165510	A	29-07-2010	NONE	

US 2013207085	A1	15-08-2013	KR 20130093187 A	22-08-2013
			US 2013207085 A1	15-08-2013

专利名称(译)	OLED显示器及其制造方法		
公开(公告)号	EP3128556A4	公开(公告)日	2017-11-22
申请号	EP2014863077	申请日	2014-08-26
[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	YAN GUANG SUN LI		
发明人	YAN, GUANG SUN, LI		
IPC分类号	H01L27/32		
CPC分类号	H01L27/322 H01L27/3211 H01L27/3248 H01L27/3258 H01L27/3262 H01L51/5012 H01L51/56		
代理机构(译)	POTTER CLARKSON LLP		
优先权	201410119112.9 2014-03-27 CN		
其他公开文献	EP3128556A1		
外部链接	Espacenet		

摘要(译)

提供OLED显示器及其制造方法，以提高OLED显示器的分辨率。OLED显示器包括基板和多个发光阵列单元，所述多个发光阵列单元设置并周期性地布置在基板上，每个发光阵列单元包括按此顺序布置的第一，第二和第三发光单元。每个发光单元包括阳极，阴极和位于其间的有机材料功能层，有机材料功能层包括发光层。对于每个发光阵列单元，第一发光层形成在第一和第二发光单元内，第二发光层形成在第二和第三发光单元内，并且第一和第二发光层配置为发出不同颜色的光；在第二发光单元中，第一发光层和第二发光层彼此重叠并且被配置为使得它们中的仅一个能够发光。在每个发光阵列单元中，具有用于发光的相同发光层的两个发光单元中的一个还包括布置在所述一个发光单元的光出射侧上的光色转换层，所述光色转换层被配置将来自其对应的发光层的光转换成具有与发光阵列单元的其他发光单元发出的光的颜色不同的颜色的光。

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Y	US 2013/207085 A1 (IN JA-HYUN [KR] ET AL) 15 August 2013 (2013-08-15) * figure 4 * * paragraph [0109] * *****	5, 6, 12, 13			
The supplementary search report has been drafted on the basis of the search results and is not intended to be a final report.					
Place of search		Date of completion of the search	Examiner		
Munich		11 October 2017	Beierlein, Udo		
CATEGORY OF CITED DOCUMENTS		1. Invention or patentable subject matter, or 2. Document cited in the application 3. Document cited in the application 4. Document cited in the application 5. Document cited in the application 6. Document cited in the application 7. Document cited in the application 8. Document cited in the application 9. Document cited in the application 10. Document cited in the application 11. Document cited in the application 12. Document cited in the application 13. Document cited in the application 14. Document cited in the application 15. Document cited in the application 16. Document cited in the application 17. Document cited in the application 18. Document cited in the application 19. Document cited in the application 20. Document cited in the application 21. Document cited in the application 22. Document cited in the application 23. Document cited in the application 24. Document cited in the application 25. Document cited in the application 26. Document cited in the application 27. Document cited in the application 28. Document cited in the application 29. Document cited in the application 30. Document cited in the application 31. Document cited in the application 32. Document cited in the application 33. Document cited in the application 34. Document cited in the application 35. Document cited in the application 36. Document cited in the application 37. Document cited in the application 38. Document cited in the application 39. Document cited in the application 40. Document cited in the application 41. Document cited in the application 42. Document cited in the application 43. Document cited in the application 44. Document cited in the application 45. Document cited in the application 46. Document cited in the application 47. Document cited in the application 48. Document cited in the application 49. Document cited in the application 50. Document cited in the application 51. Document cited in the application 52. Document cited in the application 53. Document cited in the application 54. Document cited in the application 55. Document cited in the application 56. Document cited in the application 57. Document cited in the application 58. Document cited in the application 59. Document cited in the application 60. Document cited in the application 61. Document cited in the application 62. Document cited in the application 63. Document cited in the application 64. Document cited in the application 65. Document cited in the application 66. Document cited in the application 67. Document cited in the application 68. Document cited in the application 69. Document cited in the application 70. Document cited in the application 71. Document cited in the application 72. Document cited in the application 73. Document cited in the application 74. Document cited in the application 75. Document cited in the application 76. Document cited in the application 77. Document cited in the application 78. Document cited in the application 79. Document cited in the application 80. Document cited in the application 81. Document cited in the application 82. Document cited in the application 83. Document cited in the application 84. Document cited in the application 85. Document cited in the application 86. Document cited in the application 87. Document cited in the application 88. Document cited in the application 89. Document cited in the application 90. Document cited in the application 91. Document cited in the application 92. Document cited in the application 93. Document cited in the application 94. Document cited in the application 95. Document cited in the application 96. Document cited in the application 97. Document cited in the application 98. Document cited in the application 99. Document cited in the application 100. Document cited in the application			