

SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application Number
EP 15 87 5041

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	EP 2 261 884 A1 (SAMSUNG MOBILE DISPLAY CO LTD [KR]) 15 December 2010 (2010-12-15) * paragraphs [0031] - [0055]; figures 3,4 *	1-10	INV. G09G3/32 G09G3/3233
A	----- US 2011/164016 A1 (KANG CHUL-KYU [KR] ET AL) 7 July 2011 (2011-07-07) * figure 4 *	1-10	
A	----- EP 2 806 421 A1 (SAMSUNG DISPLAY CO LTD [KR]; IUCF HYU [KR]) 26 November 2014 (2014-11-26) * figure 2 * -----	1-10	
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			TECHNICAL FIELDS SEARCHED (IPC)
			G09G
Place of search Munich		Date of completion of the search 8 September 2017	Examiner Giancane, Iacopo
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 15 87 5041

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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08-09-2017

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专利名称(译)	像素电路及其驱动方法，以及有源矩阵有机发光显示器		
公开(公告)号	EP3242287A4	公开(公告)日	2017-11-08
申请号	EP2015875041	申请日	2015-12-01
[标]申请(专利权)人(译)	昆山国显光电有限公司		
申请(专利权)人(译)	昆山GO-维信诺光电科技有限公司.		
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IPC分类号	G09G3/32 G09G3/3233		
CPC分类号	G09G3/3291 G09G3/32 G09G3/3233 G09G2300/0819 G09G2300/0852 G09G2300/0861 G09G2320/0233 G09G2320/043		
优先权	201410843247.X 2014-12-30 CN		
其他公开文献	EP3242287A1 EP3242287B1		
外部链接	Espacenet		

摘要(译)

像素电路 (20) 及其驱动方法，以及有源矩阵有机发光显示器。像素电路 (20) 通过第七薄膜晶体管 (M7) 初始化有机发光二极管 (OLED) 的阳极，从而减慢有机发光二极管 (OLED) 的老化和服务有机发光二极管 (OLED) 的寿命延长。用作驱动元件的第一薄膜晶体管 (M1) 的电流输出由数据线 (D m) 提供的数据电压和由第三电源提供的初始化电压 (V ref) 确定与外部电源电压和第一薄膜晶体管 (M1) 的阈值电压有关，因此由薄膜晶体管的阈值电压的偏差和电源电压的变化引起的亮度不均匀性可以避免。因此，使用像素电路 (20) 的有源矩阵有机发光显示器及其驱动方法延长了使用寿命，并提高了显示质量。

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A	US 2011/164016 A1 (KANG CHUL-KYU [KR] ET AL) 2 July 2011 (2011-07-07) * figure 8 *	1-10		
A	EP 2 806 421 A1 (SAMSUNG DISPLAY CO LTD [KR]; TUCF HYU [SE]) 26 November 2014 (2014-11-26) * figure 2 *	1-10		
The supplementary search report has been based on the text of the application as filed with the European Patent Office.				
Name of applicant Munich		Date of completion of the search 8 September 2017		Examiner Giancane, Iacopo
CATEGORY OF CITED DOCUMENTS				
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C3	documents cited in the application	C4: documents cited in the application		
C4	documents cited in the application	C5: documents cited in the application		
C5	documents cited in the application	C6: documents cited in the application		