

**SUPPLEMENTARY
EUROPEAN SEARCH REPORT**

Application Number

EP 14 90 2297

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 2014/197382 A1 (KIM JONG YUN [KR] ET AL) 17 July 2014 (2014-07-17)	1,12	INV. H01L27/32
Y	* paragraphs [0001] - [0017], [0034] - [0078]; figures 1-5 *	2-11, 13-15	
Y	----- US 2014/217397 A1 (KWAK SANGHYEON [KR] ET AL) 7 August 2014 (2014-08-07) * the whole document *	2-11	
Y	----- EP 2 743 990 A2 (BOE TECHNOLOGY GROUP CO LTD [CN]) 18 June 2014 (2014-06-18) * the whole document *	9,10, 13-15	

			TECHNICAL FIELDS SEARCHED (IPC)
			H01L
<p>1</p> <p>The supplementary search report has been based on the last set of claims valid and available at the start of the search.</p>			
<p>Place of search</p> <p>The Hague</p> <p>Date of completion of the search</p> <p>30 April 2018</p> <p>Examiner</p> <p>Saynova, Desislava</p>			
<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 & : member of the same patent family, corresponding document</p>			
<p>EPO FORM 1503 03/82 (F04C04)</p>			

**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.

30-04-2018

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专利名称(译)	硅和半导体氧化物薄膜晶体管显示器		
公开(公告)号	EP3183750A4	公开(公告)日	2018-06-06
申请号	EP2014902297	申请日	2014-10-09
[标]申请(专利权)人(译)	苹果公司		
申请(专利权)人(译)	苹果公司.		
当前申请(专利权)人(译)	苹果公司.		
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IPC分类号	H01L27/32		
CPC分类号	H01L27/1225 H01L27/1251 H01L27/1255 H01L27/3258 H01L27/3262 H01L27/3265 H01L27/3276 H01L51/0097 H01L2251/5338 Y02E10/549 H01L29/78651 H01L29/78672 H01L29/7869		
优先权	14/494931 2014-09-24 US		
其他公开文献	EP3183750A1		
外部链接	Espacenet		

摘要(译)

电子设备显示器可以具有像素电路阵列。每个像素电路可以包括有机发光二极管和驱动晶体管。可以调节每个驱动晶体管以控制流过有机发光二极管的电流量。每个像素电路可以包括一个或多个附加晶体管，例如开关晶体管和存储电容器。半导体氧化物晶体管和硅晶体管可用于形成像素电路的晶体管。可以使用金属层，半导体结构和介电层来形成存储电容器和晶体管。可以沿着显示器的边缘去除一些层以便于弯曲。介电层可以具有阶梯式轮廓，当数据线延伸到无效边缘区域时，该阶梯式轮廓允许阵列中的数据线向下逐步朝向基板的表面。

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Y	EP 2 743 990 A2 (BOE TECHNOLOGY GROUP CO LTD [CN]) 18 June 2014 (2014-06-18); [0034] - [0076]; figures 1-5 - ----	9,10, 13-15
CLASSIFICATION OF THE DOCUMENTATION (IPC)		
H01L		
TECHNICAL FIELD(S) SEARCHED (IPC)		
H01L		
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The Hague	30 April 2018	Saynova, Desislava
CITED DOCUMENTS		
<p>particularly relevant if taken alone X - document considered relevant in view of another document of the same category Y - document considered relevant in view of another document of a different category D - document cited for other reasons P - International document</p> <p>U - document cited for other reasons R - document cited for other reasons M - document cited for other reasons B - document cited for other reasons H - document cited for other reasons</p>		