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SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application Number
EP 15 86 9205

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 Y	US 2013/207569 A1 (CONTI GIOVANNI [IT] ET AL) 15 August 2013 (2013-08-15) * paragraph [0001] - paragraph [0023]; claims 20-25; figures 1-5 * -----	1,2,4-8 3	INV. G09G3/32 G09G3/3233 G09G3/3291
X Y	JP 2006 251602 A (SEIKO EPSON CORP) 21 September 2006 (2006-09-21) * paragraph [0025] - paragraph [0071]; figures 1-11 * -----	1,2,4-8 3	
Y	US 2011/018787 A1 (NAKAMURA NORIHIRO [JP] ET AL) 27 January 2011 (2011-01-27) * paragraph [0036] - paragraph [0051]; figures 1-5 * -----	3	

TECHNICAL FIELDS SEARCHED (IPC)

G09G

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	Date of completion of the search	Examiner
Munich	8 August 2017	Harke, Michael

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

EPO FORM 1503 03.82 (P04C04)

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO. EP 15 86 9205

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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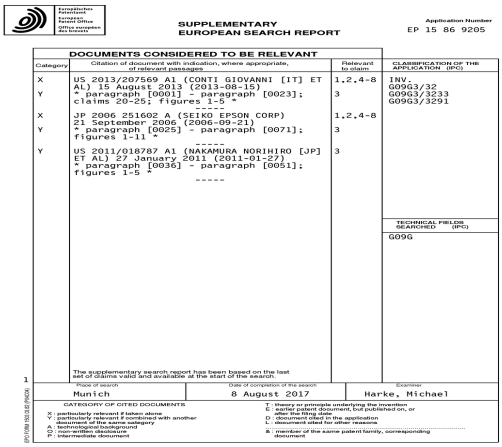
08-08-2017

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2013207569 A1	15-08-2013	NONE	
JP 2006251602 A	21-09-2006	NONE	
US 2011018787 A1	27-01-2011	JP 5350111 B2	27-11-2013
		JP 2011027819 A	10-02-2011
		US 2011018787 A1	27-01-2011

专利名称(译)	有源矩阵有机发光显示器及其控制方法		
公开(公告)号	EP3236461A4	公开(公告)日	2017-10-25
申请号	EP2015869205	申请日	2015-11-30
[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.		
当前申请(专利权)人(译)	昆山GO-维信诺光电科技有限公司.		
[标]发明人	GE MINGWEI KAWASHIMA SHINGO		
发明人	GE, MINGWEI KAWASHIMA, SHINGO		
IPC分类号	G09G3/32 G09G3/3233 G09G3/3291		
CPC分类号	G09G3/3291 G09G3/3233 G09G2300/0842 G09G2310/027 G09G2320/0223 G09G2320/0233 G09G2320/029 G09G2320/0673		
审查员(译)	HARKE，米迦勒		
优先权	201410788203.1 2014-12-17 CN		
其他公开文献	EP3236461A1		
外部链接	Espacenet		

摘要(译)

一种有源矩阵有机发光二极管（AMOLED）显示装置及其控制方法。AMOLED显示装置（100）包括系统电源IC（110），驱动器IC（120），AMOLED面板（130），电源线（111）和反馈线（112）。AMOLED面板（130）包括多个像素电路。系统电源IC（110）经由电源线（111）向多个像素电路输出正电源电压（ELVdd1），并且驱动器IC（120）检测实际施加到电源线（111）的正电源电压（ELVdd2）。多个像素电路通过反馈线（112）并基于实际施加到多个像素电路的正电源电压（ELVdd2）补偿数据电压（Vdata）。驱动芯片检测实际施加到多个像素电路的正电源电压（ELVdd2），并基于实际应用的正电源电压（ELVdd2）自动调整最小灰度电压（VREG1）和最大灰度电压（VGS）。在多个像素电路中，可以在实际施加到多个像素电路的数据电压（Vdata）和正电源电压（ELVdd2）之间保持一定的差值，从而消除Gamma偏移。



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