

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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X	US 2013/228752 A1 (SHIN DONG-WOO [KR] ET AL) 5 September 2013 (2013-09-05) * compounds 5, 6, 7, 8; page 7 - page 8; claims 1-20 * -----	1-15	C07D265/38 H01L51/50 H01L51/00
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A	WO 2013/154064 A1 (UNIV KYUSHU NAT UNIV CORP [JP]) 17 October 2013 (2013-10-17) * the whole document * & EP 2 851 408 A1 (UNIV KYUSHU NAT UNIV CORP [JP]) 25 March 2015 (2015-03-25) -----	1-15	
			TECHNICAL FIELDS SEARCHED (IPC)
			C07C C09K C07D H01K 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 The Hague		Date of completion of the search 25 September 2017	Examiner Lehnert, Andreas
CATEGORY OF CITED DOCUMENTS		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	
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			

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

EP 14 86 6266

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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25-09-2017

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专利名称(译)	发光材料，有机发光元件和化合物		
公开(公告)号	EP3093326A4	公开(公告)日	2017-11-01
申请号	EP2014866266	申请日	2014-11-27
申请(专利权)人(译)	KYULUX, INC.		
当前申请(专利权)人(译)	KYULUX, INC.		
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IPC分类号	C09K11/06 C07C255/58 C07D209/86 C07D219/14 C07D265/38 H01L51/50		
CPC分类号	C07C255/58 C07D209/86 C07D219/14 C07D265/38 C09K11/06 H01L51/0059 H01L51/0061 H01L51/0067 H01L51/0071 H01L51/0072 H01L51/0073 H01L51/0074 H01L51/5012 C09K2211/1022 C09K2211/1029 C09K2211/1007 C09K2211/1033 H01L51/5016 H01L51/5028 H01L51/5056 H01L51/5072 H01L51/5088 H01L51/5092 H01L51/5096 H01L51/5206 H01L51/5221 H01L2251/5376		
优先权	2013246520 2013-11-28 JP 2014112563 2014-05-30 JP		
其他公开文献	EP3093326B1 EP3093326A1		
外部链接	Espacenet		

摘要(译)

由通式 (1) 表示的化合物可用作发光材料。通式 (1) 中，R 1~R 5的 0~1表示氟基，R 1~R 5中的1~5表示通式 (2) 表示的基团等，余量为 1~5。R 1至R 5表示氢原子或除上述之外的取代基。R 11至R 20表示氢原子或取代基，L 12表示取代或未取代的亚芳基或取代或未取代的亚杂芳基。

DOCUMENTS CONSIDERED TO BE RELEVANT		Relevant to claim:	CLASSIFICATION OF THE DOCUMENT (IPC)
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<p>The supplementary search report has been based on the latest set of search results available at the start of the search.</p> <p>1. Date of search: The Hague 25 September 2017</p> <p>2. Name of responsible officer: Lehnert, Andreas</p>			
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