



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 6 242 115 B1 (MARK THOMSON) 5 June 2001 (2001-06-05) * column 1 - column 4; claims; tables * -----	1-18	C09K11/06 H05B33/14 H05B33/22 C07D401/10
P,X	US 2002/055014 A1 (HISASHI OKADA) 9 May 2002 (2002-05-09) * claims; figure cbp; examples 160-6,190-202 * -----	1-18	C07D403/10 C07D401/14 C07D403/14 C07D471/04
P,X	JP 2002 193952 A (FUJI PHOTO) 10 July 2002 (2002-07-10) * claims; figures * -----	1-18	
E	WO 03/079736 A (ISIS) 25 September 2003 (2003-09-25) * the whole document * -----	1-18	
E	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 12, 5 December 2003 (2003-12-05) & JP 2003 231692 A (NIPPON HOSO KYOKAI <NHK>), 19 August 2003 (2003-08-19) * abstract * -----	1-18	TECHNICAL FIELDS SEARCHED (IPC)
E	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 10, 8 October 2003 (2003-10-08) & JP 2003 178884 A (FUJI XEROX CO LTD), 27 June 2003 (2003-06-27) * abstract * -----	1-18	C07D C09K H05B
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 9 December 2005	Examiner Francois, J
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 03 71 2758

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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09-12-2005

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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JP 2003231692 A	19-08-2003	NONE	
JP 2003178884 A	27-06-2003	NONE	

专利名称(译)	用于有机电致发光器件的材料和使用其制造的有机电致发光器件		
公开(公告)号	EP1489155A4	公开(公告)日	2006-02-01
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[标]申请(专利权)人(译)	出光兴产株式会社		
申请(专利权)人(译)	出光兴产股份有限公司.		
当前申请(专利权)人(译)	出光兴产股份有限公司.		
[标]发明人	IWAKUMA TOSHIHIRO YAMAMOTO HIROSHI HIRONAKA YOSHIO IKEDA HIDEITSUGU HOSOKAWA CHISHIO TOMITA SEIJI ARAKANE TAKASHI		
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IPC分类号	C09K11/06 C07D401/10 C07D401/14 C07D403/10 C07D403/14 C07D471/04 C07F15/00 H01L51/00 H01L51/30 H01L51/50 H05B33/14 H05B33/22		
CPC分类号	C07D471/04 C07D401/10 C07D401/14 C07D403/10 C07D403/14 C07F15/0046 C09K11/06 C09K2211 /1007 C09K2211/1011 C09K2211/1014 C09K2211/1029 C09K2211/1044 C09K2211/1059 C09K2211 /185 H01L51/0059 H01L51/0067 H01L51/0072 H01L51/0081 H01L51/0085 H01L51/5012 H01L51/5016 H01L51/5048 H01L2251/308 H05B33/14		
代理机构(译)	GILLE HRABAL STRUCK NEIDLEIN PROP ROOS		
优先权	2002299810 2002-10-15 JP 2002081234 2002-03-22 JP		
其他公开文献	EP1489155A1		
外部链接	Espacenet		

摘要(译)

一种用于有机电致发光器件的材料，包括其中具有氮的杂环基团与芳基唑基或唑基亚烷基键合的化合物和包含阳极，阴极和包含至少一层的有机薄膜层并配置的有机电致发光器件的有机电致发光器件在阳极和阴极之间，其中有机薄膜层中的至少一层包含上述用于有机电致发光器件的材料。该材料可以提供发出具有高纯度颜色的蓝色光的有机电致发光器件。有机电致发光器件使用该材料。

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E	WO 03/079736 A (1SIS) ----- 25 September 2003 (2003-09-25) * the whole document	1-18	
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1	Place of search	Date of completion of the search	Examiner
	The Hague	9 December 2005	François, J
CATEGORY OF CITED DOCUMENTS			
X particularly relevant if taken alone Y particularly relevant if combined with another A document of the same category D technological background P intermediate document		I theory or principle underlying the invention B earlier patent document, but published on, or after the filing date D document cited in the application L document cited for other reasons A invention of the same patent family, corresponding document	