



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 5 656 888 A (SUN SEY-SHING [US] ET AL) 12 August 1997 (1997-08-12)	1-7	INV. C09K11/62
Y	* column 1, lines 4-6 * * column 2, line 59 - column 3, line 14 * * column 3, lines 22-61 * * column 4, lines 54-59 * * table 2 *	8,10,11	H05B33/14 H05B33/10 C09K11/77
X	----- IZUMI Y ET AL: "An X-ray photoelectron spectroscopy study of elements chemical states in SrGa ₂ S ₄ :Ce blue electroluminescent thin films" JAPANESE JOURNAL OF APPLIED PHYSICS, JAPAN SOCIETY OF APPLIED PHYSICS, TOKYO, JP, vol. 38, no. 8, August 1999 (1999-08), pages 4798-4801, XP002249321 ISSN: 0021-4922 * page 1 *	1-7,9	
Y	----- US 3 894 164 A (DISMUKES JOHN PICKETT ET AL) 8 July 1975 (1975-07-08) * column 1, lines 41-45 *	8,10,11	TECHNICAL FIELDS SEARCHED (IPC)
A	----- TESKE C L: "Über Oxidsulfide mit Akermanitstruktur CaLaGa ₃ S ₆ O, SrLaGa ₃ S ₆ O und Sr ₂ ZnGe ₂ S ₆ O" ZEITSCHRIFT FÜR ANORGANISCHE UND ALLGEMEINE CHEMIE, vol. 531, 1985, pages 52-60, XP002430207 * the whole document *	1-11	C09K
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 19 April 2007	Examiner DELAPORTE, P
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 02 72 2711

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.

19-04-2007

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5656888	A	12-08-1997	NONE	

US 3894164	A	08-07-1975	NONE	

专利名称(译)	磷光薄膜，其制造方法和el面板		
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申请(专利权)人(译)	TDK株式会社		
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其他公开文献	EP1382658A1		
外部链接	Espacenet		

摘要(译)

本发明提供一种荧光体薄膜，其具有高亮度，足以消除对滤光器的需要的令人满意的色纯度，以及长的亮度寿命，并且最适合于全色EL面板中的RGB的每个元件。本发明的磷光体薄膜包括基质材料和发光中心。基质材料是含有至少碱土元素，Ga和/或In，硫（S）和任选的Al的硫化物，或除上述元素外还含有氧（O）的氧硫化物。如果A代表碱土元素而B代表基质材料中的Ga，In和Al，则原子比B / A在以下范围内：B / A = 2.1至3.5。

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 5 556 886 A (SUN SEY-SHING [US] ET AL) 12 August 1997 (1997-08-12) * column 1, lines 4-6 * * column 2, line 59 - column 3, line 14 * * column 3, lines 22-61 * * column 4, lines 54-59 * * table 2 *	1-7 8,10,11	INV. C09K11/62 H05B33/14 H05B33/10 C09K11/77
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Y	TESKE C L: "Über Oxidsulfide mit Akermanitstruktur" CalGa3S60, SrLaGa3S60 und Sr2ZnGe2S60" ZEITSCHRIFT FÜR ANORGANISCHE UND ALLGEMEINE CHEMIE, vol. 531, 1985, pages 52-60, XP002430207 * the whole document *	1-11	C09K
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Page 11 of 11		Search completed on 19 April 2007	
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