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(54) **Phosphor thin film and EL panel**

(57) A phosphor thin film made of a matrix material comprising an alkaline earth sulfide and a luminescence center and having a thickness of 50-300 nm emits light, especially red light, of a good color purity at a high luminance and in a good response and enables to produce an EL panel.

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EUROPEAN SEARCH REPORT

Application Number
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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	GB 2 230 382 A (* ASAHI KASEI KOGYO KABUSHIKI KAISHA) 17 October 1990 (1990-10-17) * claims 1,3,4,22,23,28,29 *	1-6	C09K11/84 H05B33/14
A	US 4 717 858 A (TANAKA ET AL) 5 January 1988 (1988-01-05) * claim 1 *	1-4,6	
A	PATENT ABSTRACTS OF JAPAN vol. 013, no. 509 (E-846), 15 November 1989 (1989-11-15) & JP 01 206594 A (KOMATSU LTD), 18 August 1989 (1989-08-18) * abstract *	1-4,6	
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			C09K H05B
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
The Hague		19 April 2005	Vanier, C
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			

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

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专利名称(译)	磷光薄膜和EL面板		
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CPC分类号	C09K11/7731 H05B33/14		
优先权	2001244278 2001-08-10 JP		
其他公开文献	EP1284280A2		
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摘要(译)

由包含碱土金属硫化物和发光中心并且厚度为50-300nm的基质材料制成的磷光体薄膜发光。尤其是红光，在高亮度和良好响应下具有良好的色纯度，并且能够制造EL面板。

European Patent Office		EUROPEAN SEARCH REPORT		Application Number EP 01 30 8426
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			TECHNICAL FIELD OF THE INVENTION (IPC CL.)	
			C09K H05B	
The present search report has been drawn up for all claims				
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The Hague		19 April 2005		Vanier, C
CATEGORY OF CITED DOCUMENTS				
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