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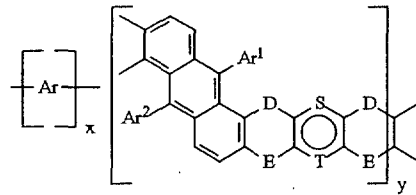
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(54) **Electroluminescent devices having diarylanthracene ladder polymers in emissive layers**

(57) An organic light emitting diode having an anode, a cathode and an emissive layer disposed between the anode and cathode, the emissive layer including the following repeating unit which is used to form a homopolymer or a copolymer comprising the structure:



specification.

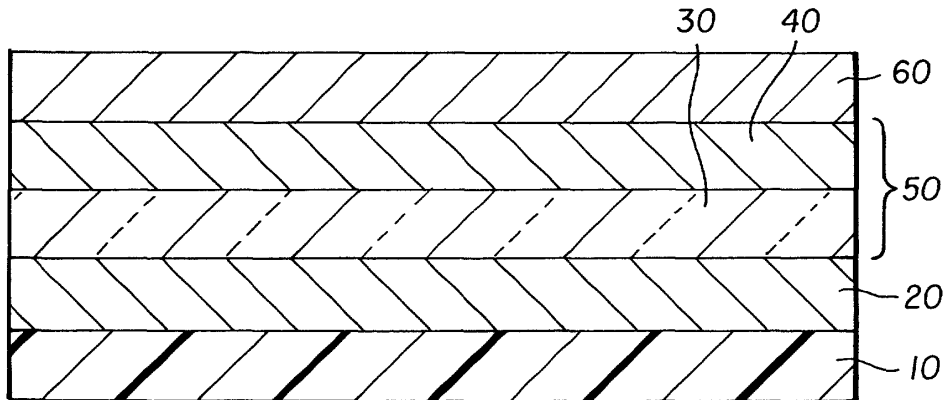


FIG. 1

EP 1 289 029 A3



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	SCHERF U: "Ladder-type materials" JOURNAL OF MATERIALS CHEMISTRY, THE ROYAL SOCIETY OF CHEMISTRY, CAMBRIDGE, GB, vol. 9, 1999, pages 1853-1864, XP002353303 ISSN: 0959-9428 * page 1860 - page 1861 * -----	1	INV. H01L51/20
A	WO 99/33935 A (UNIV TEXAS [US]) 8 July 1999 (1999-07-08) * page 3 *	1	
A	WO 99/57222 A (MASSACHUSETTS INST TECHNOLOGY [US]) 11 November 1999 (1999-11-11) * page 10 * -----	1	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)
			H01L
Place of search		Date of completion of the search	Examiner
The Hague		16 August 2007	Wolfbauer, Georg
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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EPO FORM 1503 03.82 (P04C01)

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

EP 02 07 8394

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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16-08-2007

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EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

专利名称(译)	在发光层中具有二芳基蒽梯形聚合物的电致发光器件		
公开(公告)号	EP1289029A3	公开(公告)日	2007-09-26
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优先权	09/941009 2001-08-28 US		
其他公开文献	EP1289029A2		
外部链接	Espacenet		

摘要(译)

一种有机发光二极管，具有阳极，阴极和设置在阳极和阴极之间的发光层，该发光层包括用于形成均聚物的下列重复单元或包含以下结构的共聚物：其中术语定义于规范。

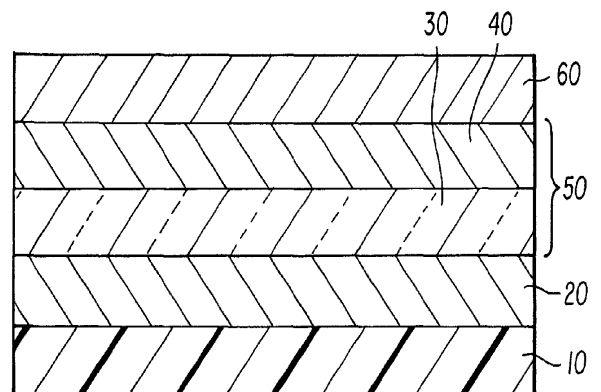


FIG. 1