



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
02.11.2005 Bulletin 2005/44

(51) Int Cl.⁷: **H01L 51/20**, C09K 11/06,
H01L 51/40

(43) Date of publication A2:
13.06.2001 Bulletin 2001/24

(21) Application number: **00126886.1**

(22) Date of filing: **07.12.2000**

(84) Designated Contracting States:
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE TR
 Designated Extension States:
AL LT LV MK RO SI

(30) Priority: **09.12.1999 JP 35050399**
17.07.2000 JP 2000215991

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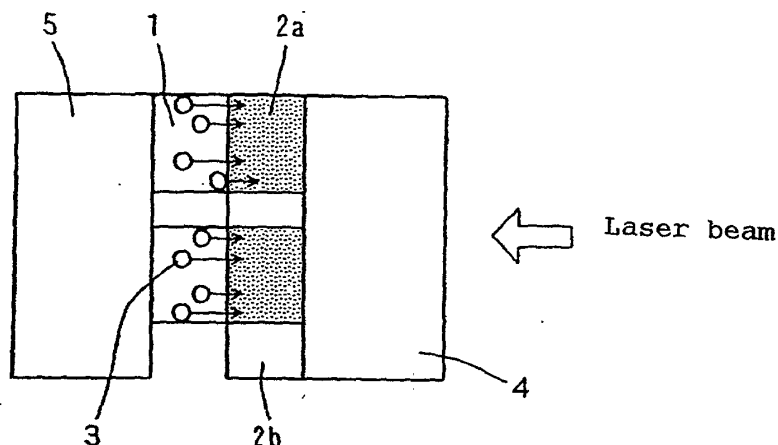
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(54) **Material for organic electroluminescence device and process for producing the same**

(57) An organic electroluminescence material is produced by bringing a source (1) containing at least an emission center-forming compound absorptive of a laser beam and defined in the predetermined pattern into contact with targets (2a, 2b) which is transmittable of the laser beam and has at least one function selected from an electron-transporting function and a hole-transporting function, and irradiating with the laser beam from the

target (2) side to implant the emission center-forming compound (3) contained in the source (1) into the target (2a). The organic electroluminescence device thus obtained has emission centers in the area corresponding to the pattern of the source. The source may be constituted solely of the emission center-forming compound. The present invention provides an organic EL material susceptible of fine patterning, a process for producing the same, and an organic EL device using the same.

Figure 1





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 00 12 6886

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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 12 September 2005	Examiner Königstein, 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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EPO FORM 1503 03.82 (P04C01)

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

EP 00 12 6886

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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专利名称(译)	用于有机电致发光器件的材料及其制造方法		
公开(公告)号	EP1107331A3	公开(公告)日	2005-11-02
申请号	EP2000126886	申请日	2000-12-07
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IPC分类号	C09K11/06 H01L51/00 H01L51/30 H01L51/40 H01L51/50 H01L51/56 H01L51/20		
CPC分类号	H01L51/0013 H01L51/005 H01L51/5012 H01L51/56		
优先权	1999350503 1999-12-09 JP 2000215991 2000-07-17 JP		
其他公开文献	EP1107331A2		
外部链接	Espacenet		

摘要(译)

通过使至少包含吸收激光束并以预定图案限定的发射中心形成化合物的源(1)与可透射激光束的靶(2a, 2b)接触来制备有机电致发光材料。具有选自电子传输功能和空穴传输功能中的至少一种功能,并且用来自靶(2)侧的激光束照射以注入源(1)中包含的发射中心形成化合物(3)。进入目标(2a)。由此获得的有机电致发光器件在对应于源图案的区域中具有发射中心。源可以仅由形成发射中心的化合物构成。本发明提供一种易于精细图案化的有机EL材料,其制备方法和使用该有机EL器件的有机EL器件。

Figure 1

