

(19)



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Office européen des brevets



(11)

EP 1 624 504 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
17.05.2006 Bulletin 2006/20

(51) Int Cl.:
H01L 51/50^(2006.01)

(43) Date of publication A2:
08.02.2006 Bulletin 2006/06

(21) Application number: **05107135.5**

(22) Date of filing: **02.08.2005**

(84) Designated Contracting States:
**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI
SK TR**
Designated Extension States:
AL BA HR MK YU

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(30) Priority: **02.08.2004 US 909691**

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(54) **OLEDs Having Inorganic Material Containing Anode Capping Layer**

(57) An organic light emitting device composed of: a cathode; a layer including an organic electroluminescent material; a layer including an electron accepting material; an anode capping layer comprising an inorganic material; an anode; and a substrate in the sequence before the

cathode or after the anode, wherein the anode capping layer is selected to provide the device with a luminance stability ratio that is greater than 1.

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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 23 March 2006 | Examiner Faou, M |
| 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 | |

EPO FORM 1503 03 82 (P04C01)



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23-03-2006

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| 专利名称(译) | 具有包含阳极覆盖层的无机材料的OLED | | |
| 公开(公告)号 | EP1624504A3 | 公开(公告)日 | 2006-05-17 |
| 申请号 | EP2005107135 | 申请日 | 2005-08-02 |
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| IPC分类号 | H01L51/50 | | |
| CPC分类号 | H01L51/5088 H01L51/50 H01L51/506 H01L51/5206 Y10S428/917 | | |
| 优先权 | 10/909691 2004-08-02 US | | |
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摘要(译)

一种有机发光器件，包括：阴极；包含有机电致发光材料的层；包含电子接受材料的层；阳极覆盖层，包括无机材料；阳极；在阴极之前或阳极之后的序列中的基板，其中选择阳极盖层以使器件具有大于1的亮度稳定性比。

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