(19) Europäisches Patentamt
European Patent Office
Office européen des brevets

(11) EP 1 391 946 A3

# (12) EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
**17.11.2004 Bulletin 2004/47**

(43) Date of publication A2:
**25.02.2004 Bulletin 2004/09**

(21) Application number: **03077493.9**

(22) Date of filing: **08.08.2003**

(51) Int Cl.[7]: **H01L 51/40**, B41M 5/035

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

(30) Priority: **20.08.2002 US 224182**

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## (54) Apparatus for permitting transfer of organic material from a donor web to form a layer in an oled device

(57) Apparatus for transferring organic material from a donor web onto a substrate to form a layer of organic material on one or more OLED devices including a web of donor material; first and second fixtures and a structure for applying fluid to a chamber to containing the fixtures to apply pressure to the non-transfer surface of the donor web so as to ensure the position of the donor web relative to the substrate; the first fixture including a transparent portion located in relationship to the non-transfer surface of the donor web to permit transmission of radiation through such transparent portion to the non-transfer surface of the donor web so that heat will be produced and the organic material will transfer from the donor web to the substrate.

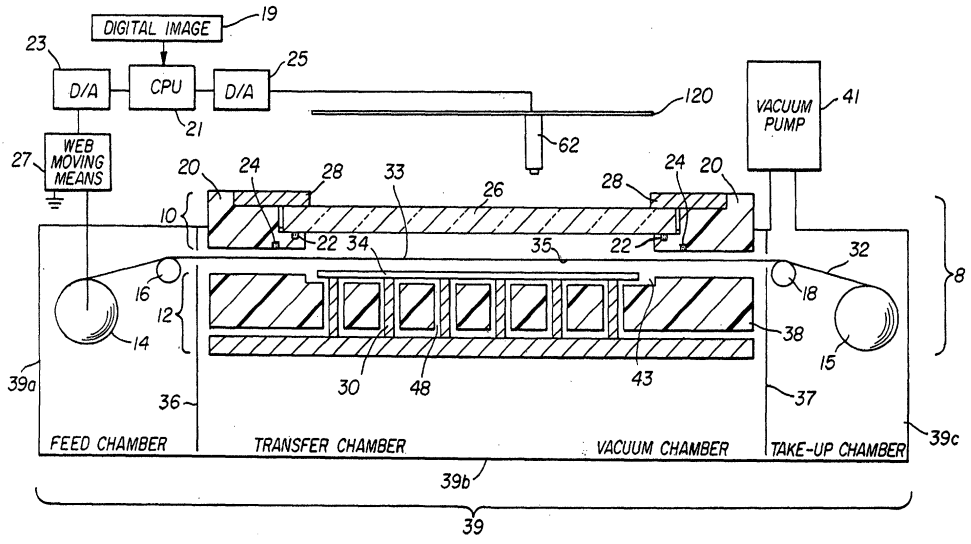


FIG. 1

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# EUROPEAN SEARCH REPORT

Application Number
EP 03 07 7493

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The present search report has been drawn up for all claims

| Place of search | Date of completion of the search | Examiner |
|---|---|---|
| The Hague | 24 September 2004 | Bonnin, D |

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X : particularly relevant if taken alone
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A : technological background
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|---|---|---|---|
| 专利名称(译) | 用于允许从供体网转移有机材料以在oled装置中形成层的装置 | | |
| 公开(公告)号 | EP1391946A3 | 公开(公告)日 | 2004-11-17 |
| 申请号 | EP2003077493 | 申请日 | 2003-08-08 |
| [标]申请(专利权)人(译) | 伊斯曼柯达公司 | | |
| 申请(专利权)人(译) | 伊士曼柯达公司 | | |
| 当前申请(专利权)人(译) | 伊士曼柯达公司 | | |
| 发明人 | PHILLIPS, BRADLEY, A., C/O EASTMAN KODAK COMPANY<br>KAY, DAVID B., C/O EASTMAN KODAK COMPANY | | |
| IPC分类号 | H05B33/10 H01L21/00 H01L27/32 H01L51/00 H01L51/30 H01L51/40 H01L51/50 H01L51/56 B41M5/035 | | |
| CPC分类号 | H01L51/0013 H01L21/67115 H01L27/3211 H01L51/0004 H01L51/005 H01L51/0052 H01L51/0059 H01L51/0062 H01L51/0077 H01L51/0081 H01L51/0084 H01L51/0085 H01L51/0089 H01L51/56 Y10T156/1705 | | |
| 优先权 | 10/224182 2002-08-20 US | | |
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摘要(译)

用于将有机材料从供体网转移到基板上以在一个或多个OLED器件上形成有机材料层的装置，所述OLED器件包括供体材料网;第一和第二固定装置以及用于将流体施加到腔室以容纳固定装置的结构，以向供体纤维网的非转移表面施加压力，从而确保供体纤维网相对于基底的位置;第一夹具包括与供体纤维网的非转移表面相关的透明部分，以允许辐射通过这种透明部分传递到供体纤维网的非转移表面，从而产生热量并且有机材料将从供体网转移到基底。


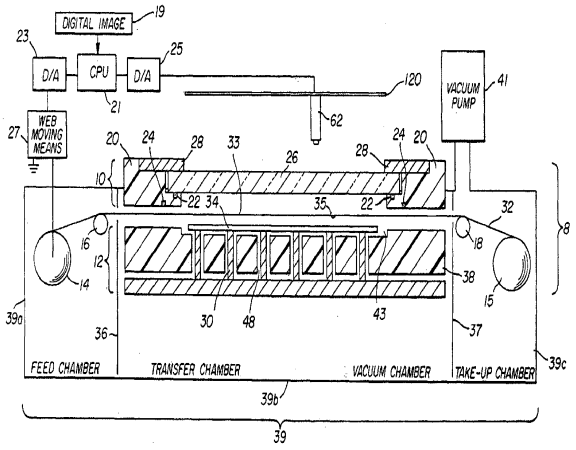


FIG. 1