



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) **EP 1 473 772 A8**

(12) **CORRECTED EUROPEAN PATENT APPLICATION**

Note: Bibliography reflects the latest situation

(15) Correction information:
Corrected version no 1 (W1 A2)
INID code(s) 72

(51) Int Cl.7: **H01L 27/00**

(48) Corrigendum issued on:
22.12.2004 Bulletin 2004/52

(43) Date of publication:
03.11.2004 Bulletin 2004/45

(21) Application number: **04076186.8**

(22) Date of filing: **19.04.2004**

(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 PL PT RO SE SI SK TR
Designated Extension States:
AL HR LT LV MK

- **Arnold, Andrew D.,**
c/o Eastman Kodak Company
Rochester, New York 14650-2201 (US)
- **Winters, Dustin L., c/o Eastman Kodak Company**
Rochester, New York 14650-2201 (US)

(30) Priority: **30.04.2003 US 426299**

(71) Applicant: **EASTMAN KODAK COMPANY**
Rochester, New York 14650 (US)

(72) Inventors:
• **Cok, Ronald S., c/o Eastman Kodak Company**
Rochester, New York 14650-2201 (US)

(74) Representative: **Haile, Helen Cynthia**
Kodak Limited
Patent Department, W92-3A,
Headstone Drive
Harrow, Middlesex HA1 4TY (GB)

(54) **A color OLED display with improved power efficiency**

(57) A color OLED display includes an array of light emitting OLED pixels, each pixel having three or more gamut elements for emitting different colors of light specifying a gamut and at least one additional element for emitting a color of light within the gamut and wherein the power efficiency of the additional element is higher than the power efficiency of at least one of the three or more gamut elements; wherein all of the gamut elements for each color in the display are arranged in a first direction in a line such that no differently colored gamut element is in the line; wherein the colored gamut elements are arranged in a second direction orthogonal to the first direction in a line such that the colors of the gamut elements alternate in that line; and wherein the additional elements are arranged in lines in both the first and second directions.

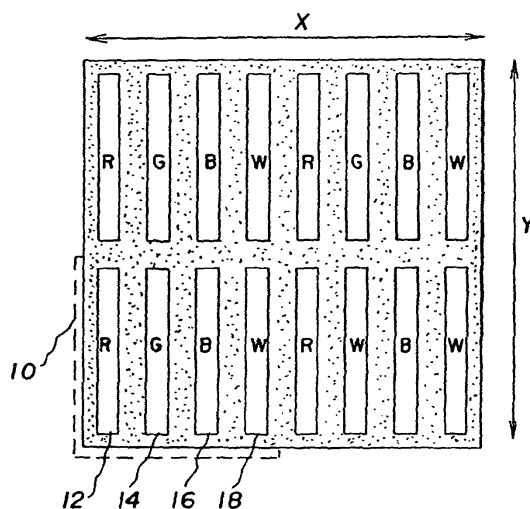


FIG. 1

EP 1 473 772 A8