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(54) Title (EN): OLED PWM PIXEL DRIVING METHOD

(54) Title (FR): PROCÉDÉ DE COMMANDE DE PIXELS DE MODULATION D'IMPULSIONS EN DURÉE (MID) DE DIODES ÉLECTROLUMINESCENTES ORGANIQUES (DELO)

(54) Title (ZH): 一种OLED PWM像素驱动方法

(57) Abstract:

(EN): Provided is an OLED PWM pixel driving method. The method comprises: dividing an image of one frame into a plurality of subfields of different weights, and splitting high-weight subfields therein into secondary subfields according to a predetermined splitting ratio (S110); and rearranging the split secondary subfields of the high-weight subfields and the un-split subfields according to the input image and the predetermined splitting ratio, so as to eliminate screen display error (S120).

(FR): L'invention concerne un procédé de commande de pixels de modulation d'impulsions en durée (MID) de diodes électroluminescentes organiques (DELO). Le procédé comprend les étapes consistant à : diviser une image d'une trame en une pluralité de sous-champs ayant différentes pondérations et diviser les sous-champs à pondération élevée en sous-champs secondaires en fonction d'un rapport de division prédéterminé (S110) ; puis réagencer les sous-champs secondaires divisés des sous-champs à pondération élevée et les sous-champs non divisés en fonction de l'image d'entrée et du rapport de division prédéterminé de façon à éliminer toute erreur d'affichage d'écran (S120).

(ZH): 一种OLED PWM像素驱动方法,该方法包括:将一帧图像切分为不同权重的多个子场,将其中高权重子场按预定拆分比值拆分次子场(S110);将高权重子场拆分后的次子场与未拆分子场根据输入图像及预定拆分比值重新排布,以消除画面显示错误(S120)。

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