

Title (en)

Method for detecting pixel status of flat panel display and display driver thereof

Title (de)

Verfahren zur Detektion des Pixelzustands eines Flachbildschirms und Anzeigetreiber dafür

Title (fr)

Procédé pour détecter le statut de pixels d'un affichage à écran plat et pilote d'affichage correspondant

Publication

EP 2012298 A3 20091230 (EN)

Application

EP 08250022 A 20080103

Priority

TW 96124016 A 20070702

Abstract (en)

[origin: EP2012298A2] The present invention discloses methods and display drivers for pixel status detection of flat panel displays. The method includes the following steps of: providing scan data to the register; using the scan data to drive the pixel; detecting the pixel status to obtain status data; refreshing the register with the status data; and, comparing the scan data with the status data to determine whether the pixel is in abnormal status or not. Based on the aforementioned method, the pixel status could be real-time monitored.

IPC 8 full level

G09G 3/32 (2016.01); **G09G 3/3275** (2016.01); **H01L 33/12** (2010.01)

CPC (source: EP KR)

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Citation (search report)

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Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (application)

EP 08250022 A 20080103; JP 2007276920 A 20071024; KR 20070107596 A 20071025; TW 96124016 A 20070702