

Title (en)

Method of preventing image sticking on a TFT-LCD

Title (de)

Verfahren zum Verhindern von Image Sticking auf einer TFT-LCD

Title (fr)

Procédé pour la prévention du collage d'images sur un TFT-LCD

Publication

EP 2226789 A1 20100908 (EN)

Application

EP 09154193 A 20090303

Priority

EP 09154193 A 20090303

Abstract (en)

A method of preventing image sticking on a TFT-LCD is provided. The TFT-LCD is connected to the display control board so that signals are communicated therebetween; the display control board has a micro-controller for determining whether a timing of input signals is changed; if it do not change within a setting time period, then the image pixels of the TFT-LCD are changed so as to change shapes of the liquid crystals of the TFT-LCD; by controlling the illumination and movement of the image pixels of the liquid crystals of the TFT-LCD will prevent from image sticking. The method for controlling the movement of the image pixels of the liquid crystals of the TFT-LCD is to cause an image frame to move upwards, downwards, leftwards and rightwards; or to cause the image pixels to scan line; or to cause the image pixels to move by "scan point" scanning.

IPC 8 full level

G09G 3/36 (2006.01)

CPC (source: EP)

G09G 3/3611 (2013.01); **G09G 2320/0257** (2013.01); **G09G 2340/0464** (2013.01)

Citation (applicant)

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Citation (search report)

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- [XY] US 2001011979 A1 20010809 - HASEGAWA REI [JP], et al
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- [A] US 2004239663 A1 20041202 - SEKI SHUICHI [JP], et al
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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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