

Title (en)

Display state controller, display device, display state control method, program therefor, and recording medium recorded with the program

Title (de)

Anzeigenstatussteuerung, Anzeigevorrichtung, Anzeigestatussteuerverfahren, Programm dafür und mit dem Programm aufgezeichnetes Aufzeichnungsmedium

Title (fr)

Contrôleur d'état de l'affichage, dispositif d'affichage, procédé de contrôle de l'état de l'affichage, son programme et support d'enregistrement comportant le programme enregistré

Publication

EP 1847978 A2 20071024 (EN)

Application

EP 07106091 A 20070412

Priority

US 11572906 A 20060419

Abstract (en)

Provided is a display device for executing processing of enlarging a predetermined region (200) of an image rightward by as much as 0.25 pixels with a first pixel (251) as a reference, and processing of reducing the predetermined region (200) rightward 0.25 pixels with a seventh pixel (257) as a reference, to thereby control the predetermined region (200) to be shifted rightward. The image is thus shifted while changing a magnitude of the predetermined region (200) so that an enlarged amount and a reduced amount per one step are smaller than 1 pixel, thereby making it possible to shift the image while changing the magnitude of the image without giving a visually unnatural impression. The display device can be applied to processing using digital signals because a lighting state of each pixel is controlled. The shift of the image can be easily performed without executing pixel conversion processing or the like. The shift is performed while changing the magnitude of the image, which suppresses blurring of the entire image as compared with a structure for shifting the image without changing the magnitude of the image.

IPC 8 full level

G09G 5/00 (2006.01); **G09G 3/28** (2006.01)

CPC (source: EP)

G09G 3/007 (2013.01); **G09G 5/00** (2013.01); **G09G 5/363** (2013.01); **G09G 3/28** (2013.01); **G09G 2320/046** (2013.01); **G09G 2330/04** (2013.01); **G09G 2340/0407** (2013.01); **G09G 2340/0414** (2013.01); **G09G 2340/0421** (2013.01); **G09G 2340/0464** (2013.01); **G09G 2340/0471** (2013.01); **G09G 2340/0478** (2013.01); **G09G 2360/16** (2013.01)

Cited by

CN106169279A; CN110716639A; US2016329008A1; CN106128346A; EP3091530A3; US10163380B2; US9734801B2; US11631382B2; WO2020091491A1; US10802585B2; US11782503B2; TWI700932B; WO2020014275A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1847978 A2 20071024; EP 1847978 A3 20080723

DOCDB simple family (application)

EP 07106091 A 20070412