Title (en)

Controller for a display with multiple common lines for each pixel.

Title (de)

Steuerung für eine Anzeige mit mehrfachen gemeinsamen Zeilen für jeden Pixel.

Title (fr)

Commande d'affichage avec lignes communes multiples pour chaque pixel.

Publication

EP 0673012 A2 19950920 (EN)

Application

EP 95301621 A 19950313

Priority

- AU PM440194 A 19940311
- AU PM440594 A 19940311
- AU PM440694 A 19940311
- AU PM441094 A 19940311
- AU PM441194 A 19940311
- AU PM441494 A 19940311
- AU PM441594 A 19940311
- AU PM440294 A 19940311
- AU PM441394 A 19940311
- AU PM440994 A 19940311
- AU PM440894 A 19940311
- AU PM440494 A 19940311

Abstract (en)

There is disclosed a system (45, 55) for controlling a high resolution colour discrete level display device, wherein the display device can have multiple common lines (80, 81, 82) for each line of pixels. A frame buffer controller system (45) is disclosed which is adapted to utilise the multiple common lines in a number of different modes, producing a number of different output speeds for the display. Means (126, 127) are also disclosed for dithering the pixel data in accordance with the output modes. Further, the system is capable of displaying images, such as fonts or the like, at an increased resolution than that which would otherwise be possible. <IMAGE>

IPC 1-7

G09G 3/36; G09G 3/20; G09G 1/16

IPC 8 full level

G09F 9/302 (2006.01); **G09G 3/36** (2006.01); **G09G 5/02** (2006.01); **G09G 5/393** (2006.01); **G09G 5/395** (2006.01); **G09G 5/42** (2006.01); G09G 3/20 (2006.01)

CPC (source: EP)

G09F 9/302 (2013.01); **G09G 3/3607** (2013.01); **G09G 3/364** (2013.01); **G09G 3/3681** (2013.01); **G09G 3/3692** (2013.01); **G09G 5/02** (2013.01); **G09G 5/393** (2013.01); **G09G 5/395** (2013.01); **G09G 5/42** (2013.01); G09G 3/2051 (2013.01); G09G 3/2074 (2013.01); G09G 2300/0452 (2013.01); G09G 2310/04 (2013.01); G09G 2320/041 (2013.01); G09G 2340/0407 (2013.01); G09G 2340/0457 (2013.01); G09G 2370/045 (2013.01)

Cited by

EP2015254A1; GB2341476A; US6072555A; EP1125269A4; EP0848369A3; EP1472566A4; EP0836172A3; EP1158482A3; EP0703562A3; US5808594A; EP2579246A1; EP0782124A1; US5920299A; EP1148468A4; EP0810578A1; US6014121A; EP0703561A3; US5963190A; EP1666956A3; EP1127335A4; NL2011223C2; US6417868B1; US6965366B2; US6356278B1; US7134091B2; WO0178056A1; WO9810405A1; WO0178053A3; US6597360B1; US6950103B2; US6577291B2; EP1208538A4

Designated contracting state (EPC)

DE ES FR GB IT NL SE

DOCDB simple family (publication)

EP 0673012 A2 19950920; **EP 0673012 A3 19960110**

DOCDB simple family (application)

EP 95301621 A 19950313