

Title (en)

Liquid crystal display controller with subframe control

Title (de)

Flüssigkristallanzeigesteuergerät mit Unterrahmen-Steuerung

Title (fr)

Circuit de command d'affichage à cristaux liquides avec commande des sous trames

Publication

EP 0919982 B1 20020821 (EN)

Application

EP 98121762 A 19981116

Priority

SG 9741040 A 19971126

Abstract (en)

[origin: EP0919982A1] A DMA controller 33 retrieves pixel intensity data 60 from memory 16 and provides the pixel intensity data 60 to the frame rate controller 37. The frame rate controller 37 also receives a frame synchronising signal 32 and provides switching data 42 which is stored in a display data buffer 41, 41A, 41B and 41C in accordance with the frame synchronising signal 32 to switch pixels 45 in corresponding display frames 50, 50A, 50B and 50C to have the intensity indicated by the pixel intensity data 60. <IMAGE>

IPC 1-7

G09G 3/20; G09G 3/36

IPC 8 full level

G09G 3/20 (2006.01); **G09G 3/36** (2006.01)

CPC (source: EP)

G09G 3/2018 (2013.01); **G09G 3/3611** (2013.01); **G09G 5/08** (2013.01)

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0919982 A1 19990602; **EP 0919982 B1 20020821**; DE 69807304 D1 20020926; DE 69807304 T2 20030410

DOCDB simple family (application)

EP 98121762 A 19981116; DE 69807304 T 19981116