

Title (en)

Active matrix liquid crystal panel and liquid crystal display device with opposite electrodes divided in groups

Title (de)

Flüssigkristalltafel mit aktiver Matrix und Flüssigkristallanzeigeeinrichtung mit in Gruppen zerlegten gegenüberliegenden Elektroden

Title (fr)

Panneau à cristaux liquides à matrice active et dispositif d'affichage à cristaux liquides avec électrodes opposées partagées en groupes

Publication

**EP 0838801 A1 19980429 (EN)**

Application

**EP 97118248 A 19971021**

Priority

JP 27923496 A 19961022

Abstract (en)

In driving the liquid crystal panel, the frequency of the base voltage applied to common electrodes is reduced without increasing flickering. Also, the deterioration of picture quality caused by concentration of current to the common electrodes is reduced. In a liquid crystal panel 101 having pixel portions 104, each including a thin film transistor, mounted thereon, a liquid crystal 107 and additional capacitors 108 as components of each pixel portion, have a common opposite electrode 112 on one side thereof opposite to the side where there is a pixel electrode 106. The opposite electrodes 112 of the pixel portions 104 connected to the same gate line 102 are divided in half and are respectively connected to two separate and opposite electrode lines 109, 110. <IMAGE>

IPC 1-7

**G09G 3/36**

IPC 8 full level

**G02F 1/133** (2006.01); **G09G 3/36** (2006.01); **G09G 3/20** (2006.01)

CPC (source: EP)

**G09G 3/3648** (2013.01); **G09G 3/3655** (2013.01); **G09G 3/3677** (2013.01); **G09G 3/3688** (2013.01); **G09G 3/2011** (2013.01); **G09G 3/3614** (2013.01); **G09G 2310/027** (2013.01); **G09G 2320/0247** (2013.01)

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