

Title (en)

Driving method and apparatus for liquid crystal display device

Title (de)

Verfahren und Gerät zum Steuern einer Flüssigkristallanzeigevorrichtung

Title (fr)

Méthode et appareil de commande d'un dispositif d'affichage à cristaux liquides

Publication

EP 0957394 A1 19991117 (EN)

Application

EP 99109558 A 19990512

Priority

JP 13201298 A 19980514

Abstract (en)

A technique is described for driving a liquid crystal display device having a liquid crystal layer exhibiting a cholesteric phase and switchable between a planar state and a focal conic state according to the magnitude of an applied voltage. The technique comprises the steps of: in a first period, simultaneously applying a voltage by which a plurality of pixels arranged in a matrix array are reset to the focal conic state; in a second period after the first period, sequentially applying voltages corresponding to image data to the pixels, thereby updating the display contents of the pixels; and in a third period after the second period, retaining the display state by utilizing memory characteristics of the liquid crystal. <IMAGE>

IPC 1-7

G02F 1/137; **G09G 3/36**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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