

Title (en)

TWO-TERMINAL TYPE ACTIVE MATRIX LIQUID CRYSTAL DISPLAY DEVICE AND DRIVING METHOD THEREOF

Title (de)

FLÜSSIGKRISTALL-ANZEIGEVORRICHTUNG MIT AKTIVER MATRIX VOM ZWEIPOL-TYP UND VERFAHREN ZU IHRER ANSTEUERUNG

Title (fr)

DISPOSITIF D'AFFICHAGE ACTIF MATRICIEL A CRISTAUX LIQUIDES A DEUX TERMINAUX ET SYSTEME DE COMMANDE DE CE DISPOSITIF

Publication

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Application

EP 93913550 A 19930621

Priority

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Abstract (en)

[origin: WO9400791A1] This invention is directed to provide a driving method capable of reducing the sticking and after-image of a picture resulting from the change of characteristics of a switching device due to a current in a two-terminal type active matrix liquid crystal display device. The liquid crystal display device includes a plurality of data lines and scanning lines, and liquid crystal pixels so disposed as to correspond to points of intersections between the data lines and the scanning lines. The liquid crystal pixel has at least one two-terminal type switching device, and is driven by a scanning signal applied to the scanning line and a data signal applied to the data line. Here, a period (27, 28, 32, 33) in which a current is supplied through the switching device is disposed before a selection period (26, 31) of the scanning signal (Phi)(n). Further, a retention period is disposed after the selection period.

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IPC 8 full level

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CPC (source: EP)

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WO 9400791 A1 19940106; DE 69323276 D1 19990311; DE 69323276 T2 19990602; EP 0600096 A1 19940608; EP 0600096 A4 19951011; EP 0600096 B1 19990127; JP 3167135 B2 20010521

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