Title (en)

SEQUENTIAL CONTROL METHOD FOR A LIQUID CRYSTAL MATRIX DISPLAY EXHIBITING THE MEMATIC-CHOLESTERIC PHASE CHANGE EFFECT

Publication

EP 0120732 B1 19870603 (FR)

Application

EP 84400320 A 19840216

Priority

FR 8303047 A 19830224

Abstract (en)

[origin: US4625204A] The invention relates to a sequential control process for a matrix display using the cholesteric - nematic phase transition effect of a liquid crystal. This process consists of sequentially applying to the columns of electrodes of the display, a blanking signal followed by an addressing signal, the rows of electrodes of said display being addressed in parallel, in order to obtain the displayed or undisplayed state of the liquid crystal, followed by the sequential application of an addressing signal to the rows of electrodes, the columns of electrodes being addressed in parallel, in order to maintain the displayed or undisplayed state of the liquid crystal, while significantly improving the contrast.

IPC 1-7

G09G 3/36

IPC 8 full level

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

CPC (source: EP US)

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FR 2541807 A1 19840831; **FR 2541807 B1 19850607**; CA 1231187 A 19880105; DE 3464098 D1 19870709; EP 0120732 A1 19841003; EP 0120732 B1 19870603; JP S59164597 A 19840917; US 4625204 A 19861125

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