

Title (en)

FERROELECTRIC LIQUID CRYSTAL DISPLAY AND METHOD FOR DRIVING THE SAME

Title (de)

FERROELEKTRISCHE FLÜSSIKRISTALLANZEIGE UND VERFAHREN ZUR ANSTEUERUNG DERSELBEN

Title (fr)

AFFICHEUR FERROELECTRIQUE A CRISTAUX LIQUIDES ET PROCEDE DE COMMANDE DE CELUI-CI

Publication

**EP 1045270 A1 20001018 (EN)**

Application

**EP 98936684 A 19980806**

Priority

JP 9803511 W 19980806

Abstract (en)

A ferroelectric liquid crystal display comprises: a ferroelectric liquid crystal display element which includes a ferroelectric liquid crystal that is sandwiched between a pair of substrates having a plurality of scanning electrodes and signal electrodes deposited respectively on the opposing surfaces thereof; and a light source which successively emits a plurality of different colors of light. In the thus constructed ferroelectric liquid crystal display, a scanning period (TS) during which the light source emits light of one of the plurality of colors is divided into two periods, of which the first period (SC1) includes a selection period for determining a display state and a non-selection period for holding therethrough the display state selected during the selection period, and the second period (SC2), constituting the remainder of the scanning period, includes a selection period for forcing the display state into a black display state and a non-selection period for holding therethrough the black display state selected during the selection period. <IMAGE>

IPC 1-7

**G02F 1/133**; **G09G 3/36**

IPC 8 full level

**G09G 3/36** (2006.01)

CPC (source: EP)

**G09G 3/3629** (2013.01); **G09G 2310/06** (2013.01)

Cited by

US6847345B2

Designated contracting state (EPC)

DE FR GB NL

DOCDB simple family (publication)

**WO 0008518 A1 20000217**; EP 1045270 A1 20001018; EP 1045270 A4 20010822; EP 1045270 B1 20130327

DOCDB simple family (application)

**JP 9803511 W 19980806**; EP 98936684 A 19980806