

Title (en)

Method of driving a liquid crystal panel

Title (de)

Steuerverfahren für eine Flüssigkristallanzeigetafel

Title (fr)

Méthode de commande d'un panneau d'affichage à cristaux liquides

Publication

**EP 0438262 B1 19960626 (EN)**

Application

**EP 91300271 A 19910115**

Priority

JP 667790 A 19900116

Abstract (en)

[origin: EP0438262A2] In a method of driving a liquid crystal panel comprising scanning electrodes on a substrate and signal electrodes on another substrate, between which substrates a liquid crystal layer is sandwiched, scanning electrode driving waveforms (a) consisting of selective and non-selective voltages are applied to the scanning electrodes of the liquid crystal panel. Lighting or non-lighting voltages (b and c) are applied to the signal electrodes. Polarities of the lighting and non-lighting voltages are inverted with respect to the non-selective voltages to thereby drive the liquid crystal panel. During a period (TC, tc) the selective voltage is not applied to any of the scanning electrodes and a compensating voltage is applied to each signal electrode in accordance with the number of variations in the polarities of the voltages applied to the respective signal electrode with respect to the non-selective voltages applied to the scanning electrodes during a constant period. <IMAGE>

IPC 1-7

**G09G 3/36**

IPC 8 full level

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

CPC (source: EP KR)

**G09G 3/18** (2013.01 - KR); **G09G 3/3681** (2013.01 - EP); **G09G 2300/023** (2013.01 - EP); **G09G 2320/0209** (2013.01 - EP); **G09G 2320/041** (2013.01 - EP)

Designated contracting state (EPC)

DE FR GB NL

DOCDB simple family (publication)

**EP 0438262 A2 19910724**; **EP 0438262 A3 19930317**; **EP 0438262 B1 19960626**; DE 69120433 D1 19960801; DE 69120433 T2 19961024; JP H03210525 A 19910913; KR 910014866 A 19910831

DOCDB simple family (application)

**EP 91300271 A 19910115**; DE 69120433 T 19910115; JP 667790 A 19900116; KR 910000508 A 19910115